

777
THE
ULLAGE CASK GAUGER,

COMPRISED IN A SERIES OF

529.9.21.
20
TABLES,

CALCULATED WITH THE

UTMOST ACCURACY AND PERSPICUITY.

WHEREBY

The ULLAGE CONTENTS of any CASK, from *Five* to
One Hundred and Sixty Gallons (inclusive) is at
one View *exactly* and *expeditiously* known;

AND LIKEWISE

The ULLAGE CONTENTS of all other CASKS, *however large*.

AS ALSO

The FOOT or SEDIMENT in OIL CASKS, are
alike *correctly* ascertained.

COMPILED

After the most approved METHOD made Use of by the
E X C I S E.

By JAMES BOYDELL,
LATE WINE MERCHANT.

L O N D O N:

Printed by R. and H. CAUSTON, FINCH-LANE, for the AUTHOR,
and sold by him at No. 2, COOPER'S-ROW, CRUTCHED-
FRIARS, and by all Booksellers in Town and Country.

MDCCLXXXIV.

THE
DEDICATORY
VILLAGE CASK GAUGER

DANIEL MILLER, Esq.

COMMISSIONER OF THE LAND OFFICE

SIR,

UNDER Divine Providence, it is my duty to inform you that the Public are indebted for my Address to you.

derive from the Excise of my poor Country.

JUSTICE ACCURACY AND PUNCTUITY

In your Service it was and under the Influence

your worthy Example, I was called forth, exposed

and as it were, to the public view, to the public

perme, and to the long continued Service of

you have, I trust, and the many singular

from conserved upon me, all conspire to point you

the worthy Master, the generous Friend, and the

Benefactor, and as such, I should be proud to

whom I might with propriety, and without

dedicate the following

The First of September in Our Cask, are

Please, therefore, to accept this small Token of

the grateful Sense I entertain of your eminent

and Merit, and of the very many Favors conferred

upon me, and to the many Favors conferred

upon me, and to the many Favors conferred

upon me, and to the many Favors conferred

I AM, Sir, your most Obedient

and most humble Servant,

DANIEL MILLER, Esq.

Will oblige,

And most humble Servant,

James B. B.

James B. B.

The D E D I C A T I O N.

DANIEL MILDRED, Esq.

SIR,

UNDER Divine Providence, it is to you, *Sir*, the *Public* are indebted for any Advantages *they* may derive from the Exertions of my poor *Abilities*.

In your *Service* it was, and under the Influence of your *worthy Example*, *They* were called forth, expanded, and as it were, brought to *Maturity*: To which, permit, me, *Sir*, to add, the long continued *Partialities* you have shewn me, and the many singular *Obligations* conferred upon me, all conspire to point *you* out, the worthy *Master*, the generous *Friend*, and the kind *Benefactor*, and as *such*, the only proper *Object*, to whom I might with *Propriety*, and without *Flattery*, dedicate the following *Sheets*.

Please, therefore, *Sir*, to accept this *faint Token* of the grateful Sense I entertain of your eminent *Worth* and *Merit*, and of the very many *Favours* conferred on

S I R,

Your most dutiful,

Most obliged,

And most humble Servant,

James Boydell.

THE D I C T I O N A R Y
OF THE
ENGLISH LANGUAGE

The P R E F A C E

I was not many Years after the Author of these Volumes had been engaged in the Study and Labour of them, than he perceived the Inconvenience attending the frequent calling up of Words to the Difficulty and Expence arising from ascertaining the real Contents of Words upon an Illage, which necessarily will occur more or less, even to the Wholists, but more particularly to the Retail Dealers.

He might here enlarge on the Necessity and Advantage arising from frequently calling up of Words in the Library, Book, or Shop, of the Dealer, and comparing them with their Originals, the Neglect of which, though a misplaced Severity, has too often been fatally experienced; but as this Observation is too notorious to all concerned in this Trade, the bare mentioning the Subject may suffice.

Convinced from the Considerations above, that such a Work as this would be of the utmost Use to the Trade in large, and thriving, and by the Reception with which a former Edition has been favoured, determined to attempt the Undertaking.

The Author's Request is, that for ascertaining the precise Contents of the Words, the Reader will be so good as to send him the

James Borthwick
And

The P R E F A C E.

IT was not many Years after the *Author* of these *Tables* had been engaged in the *Wine* and *Liquor Trade*, than he perceived the Inconvenience attending the frequent casting up of *Stock*, owing to the Difficulty and Expence arising from ascertaining the real Contents of *Casks* upon an *Ullage*, which necessarily must occur more or less, even to the *Wholesale*, but more particularly to the *Retail Dealers*.

He might here enlarge on the Necessity and Advantage arising from frequently casting up of *Stock* in the *Liquor Trade*, particularly of *Ullage Casks* and comparing them with their *Outgoings*, the Neglect of which, through a misplaced *Security*, has too often been fatally experienced; but as this Observation is too notorious to all concerned in this *Trade*, the bare mentioning the Subject may suffice.

Convinced, from the Considerations above, that such a *Work* as *This* would be of the utmost Utility to the *Trade* at large, and stimulated by the Reception with which a former † *similar Production* has been favoured, determined him to attempt the Undertaking.

† *The Merchant Freighter's Assistant, for ascertaining the Square Contents of Packages. Published 1764.*

And now, after a Series of Years*, having, as *he* flatters himself, brought this *Work* to a State of Perfection, *he* presumes to tender it to the *Public*. The *Utility* of the Performance *he* submits to their candid Judgment, but as to its *Correctness*, (from the invariable *Rule* observed in every Operation, to prove the Quantity of *Liquor* in the Cask by that out) *he* can safely vouch, even to *Half a Gallon* in any one Instance whatever†; for which Assertion, the singular *Correctness* of his former *Essay*, alluded to before, will, *he* trusts, give him *Credit* with all such as are acquainted therewith.

The *Simplicity*, and other *Properties* of these *Tables* are such, that the *Ullage Contents* of any Cask, (*laying on its Bouge*) not only from *Five* to *One Hundred and Sixty Gallons* inclusive, is at one View ascertained, and with such *Ease* and *Facility*, that a Person of the meanest Capacity can hardly err; but also, with very little additional Trouble, the *Ullage Contents* of any other Cask, *however large*, may be known; They will likewise prove doubly useful in the *Oil Trade*; for hereby the Quantum of *Leakage* or *Ullage* in any Cask is not only proved, but also the Quantum of *Foot* or *Sediment* at bottom (when the State of the *Chambers* are known) is alike ascertained. In short, wherever *Gauging* is necessary, THIS WORK can hardly fail of its *Utility*.

EXPLANATION.

He will now therefore proceed to explain and illustrate the *Methods* by which the above desirable Ends may be acquired by these *Tables*.

And first, the real *Gauge* of the Cask, when full, (being usually cut on the Head, of all *Liquors* imported) must be first known, as that alone determines the *Table*, in which the *Ullage Contents* is to be sought for: Also the *Bung Diameter* and the *Dip* or *Wet Inch*, must be carefully taken, with a four *Foot Rule*, which determine the *Line* and *Column*, in which the *Ullage Contents* are specified.

* Fourteen.

† The one and two Inch Lines of *Liquor* in or out of Casks excepted, the Sliding Rule barely admitting of that Nicety.

For

For Instance, a Puncheon of Rum gauging 107 Gallons, whose Bung Diameter dips 32 Inches, and the Liquor 21 Inches. The 107 Gallon Table in the 32 Inch Column, and on the 21 Inch Wet Line, shews the Contents of Liquor left in the Cask to be 76 Gallons, viz. 107 G. 32 B. 21 Wt. is 76 Gallons.

This single Instance is sufficient where the Bung Diameter and the Wet Inch prove exact Inches; but it more frequently occurs, that one or other of them, (it may be both) may have a Fraction of an Inch. The three following Cases will suffice to explain every Variation of that Kind, which can possibly happen; and to be more clearly understood, the Author will instance in the same Cask.

Where the Fraction of an Inch happens in the Wet Dip, viz. 107 32 21½ in this Case, add the Produce of the 21 and 22 Inch Wa Dip in the same Column above, and take the Medium, or Half, for Instance,

$$\begin{array}{r} 107 \quad 32 \quad 21 \text{ is } 76 \\ 32 \quad 22 \text{ is } 80\frac{1}{2} \end{array}$$

$$\hline 64 \quad 43 \quad 156\frac{1}{2}$$

$$\hline \text{The Medium } 32 \quad 21\frac{1}{2} \text{ is } 78$$

Where the Fraction of an Inch happens in the Bung Diameter, viz. 107 32½ 21; In this Case, add the Produce of the 33 and 32 Columns on the 21 Inch Wet Line, and take the Medium, for Instance,

$$\begin{array}{r} 107 \quad 33 \quad 21 \text{ is } 73\frac{1}{2} \\ 32 \quad 21 \quad 76 \end{array}$$

$$\hline 65 \quad 42 \quad 149 \quad 1$$

$$\hline \text{The Medium } 32\frac{1}{2} \quad 21 \quad 74 \quad 2$$

Now, it may occur, that there are Fractions of an Inch in both the Wet Inch Dip and the Bung Diameter, viz. 107 32½ 21½. In all such Instances proceed as follows:

$$\begin{array}{r} 107 \quad 33 \quad 21 \text{ is } 73 \quad 1 \\ 32 \quad 22 \text{ is } 80 \quad 1 \end{array}$$

$$\hline 65 \quad 43 \text{ is } 153 \quad 2$$

$$\hline \text{The Medium is } 32\frac{1}{2} \quad 21\frac{1}{2} \text{ is } 76 \quad 3 \text{ Gallons.}$$

O I L T R A D E.

The next Illustration *He* shall make on these *Tables*, is the remarkable *Utility* they will be of to the *Oil Trade* in general, as well to *Buyers* and *Sellers* and their *Brokers*; not only, as is before observed, *They* fully prove the *Decrease* by Leakage or Drawing off, but likewise the *Foot or Dregs* at Bottom.

Now, suppose a Cask of Oil, gauging 84 Gallons when full, whose *Bung Diameter* is 28 Inches, and *Wet Inch* 23, there remains in the Cask $75\frac{1}{2}$ Gallons of Oil and Foot, having decreased $8\frac{1}{2}$ Gallons.

And further, suppose, that there are so many *Chambers* of Foot or Sediment, as to be equal to 7 Inches Dip, the same *Table*, in the 28 Column, and on the 7 Inch *Wet Line*, shews the Quantum of Foot or Dregs to be 15 Gallons. For Instance,

84	28	23	is	$75\frac{1}{2}$	Ullage.
84	28	7	is	15	Foot.

BUNG DIAMETER exceeding its particular TABLE.

The above Illustrations will suffice in all Instances where the *Gauge* of the Cask and the *Bung Diameter* come within the Limits of these *Tables*. Now, as to the *Bung Diameter* exceeding the Bounds of its particular *Table*, (though it will rarely, if ever, happen;) yet in that *Case*, it is but observing the gradual *Increase* of each Column on the *Wet Inch* Line, if it happens to the right Hand of the *Table*, and add to the *Produce* in the last Column, viz. 114 23 16 is 87 by the Rule.

	G.	Col.	Wt.	
Now	114	26	16	is 75
		25	16	is 78 2
		24	16	is 82 2
Therefore add for Col.	23	wanting	4 2	
			87	

Increase $3\frac{1}{2}$
 Ditto 4 Increase $\frac{1}{2}$

Now

Second.

Gs.	B.	Wt.	
200	48	33	is 150 by the Rule.
100	24	17	is 77 $\frac{1}{2}$ } by the Tables.
100	24	16	is 72 $\frac{1}{4}$ }
200	48	33	is 149 3

Gs. B. Wt.
400 96 66 is 300 by the Rule.

134 32 22 is 100 3 }
133 32 22 is 100 } by the Tables.
133 32 22 is 100 }

400 96 66 is 300 3

The Medium is

200 48 33 is 150 1

Third.

215 49 35 is 168 1 by the Rule.

108 25 18 is 85 1 }
107 24 17 is 83 } by the Tables.

215 49 35 is 168 1

430 98 70 is 336 by the Rule.

144 33 24 is 114 2 }
143 33 23 is 109 } by the Tables.
143 32 23 is 112 2 }

430 98 70 is 336

The Medium is

215 49 35 is 168

Fourth.

245 53 38 is 192 $\frac{1}{4}$ by the Rule.

123 27 19 is 94 $\frac{1}{4}$ }
122 26 19 is 97 $\frac{1}{4}$ } by the Tables.

245 53 38 is 192 $\frac{1}{2}$

490 106 76 is 384 $\frac{1}{2}$ by the Rule.

123 27 19 is 94 3 }
123 27 19 is 94 3 } by the Tables.
123 26 19 is 97 3 }

490 106 76 is 385

The Medium is

245 53 38 is 192 2

Fifth,

Fifth.

Gs. B. Wt.
290 61 15 is 50 1 by the Rule.

145 31 8 is 27 3 }
145 30 7 is 23 } by the Tables.

290 61 15 is 50

The Medium is

Gs. B. Wt.
580 122 30 is 100 by the Rule.

150 31 8 is 27 3 }
150 31 8 is 27 3 }
150 31 7 is 22 2 } by the Tables.
130 29 7 is 21 3 }

580 122 30 is 99 3

290 61 15 is 50

Sixth.

45 73 21 is 75 $\frac{1}{2}$ by the Rule.

15 25 7 is 23 3 }
15 24 7 is 25 3 } by the Tables.
15 24 7 is 25 3 }

45 73 21 is 75 1

The Medium is

690 146 42 is 150 3 by the Rule.

140 30 9 is 32 2 }
140 30 9 is 32 2 }
140 30 8 is 27 1 } by the Tables.
135 28 8 is 29 1 }
135 28 8 is 29 1 }

690 146 42 is 150 3

345 73 21 is 75 1

Here follow farther *Instances*, whereby the *Ullage Contents* of Casks whose *Gauge* exceed the Limits of these *Tables* may be known, by only doubling the *Bung Diameter* and the *Wet Inch*, viz.

Seventh.

Gs. B. Wt.
345 48 29 is 220 by the Rule.

345 96 58 is 220 Ditto.

145 36 20 is 83 2 }
100 30 20 is 72 1 } by the Tables.
100 30 18 is 63 3 }

345 96 58 is 219 2

Eighth.

Gs.	B.	Wt.	is		
390	49	21	is	156	by the Rule.
	98	42	is	156	by Ditto.
100	25	11	is	41 3	} by the Tables.
100	25	11	is	41 3	
100	24	10	is	38 1	
90	24	10	is	34 2	
390	98	42	is	156 1	

Ninth.

400	50	31	is	265	by the Rule.
	100	62	is	265	by Ditto.
100	25	16	is	69	} by the Tables.
100	25	16	is	69	
100	25	15	is	63 3	
100	25	15	is	63 3	
400	100	62	is	265 2	

Tenth.

455	55	27	is	221 1	by the Rule.
	110	54	is	221 1	by Ditto.
155	38	18	is	71 1	} by the Tables.
150	38	18	is	69	
150	34	18	is	81	
455	110	54	is	221 1	

Eleventh.

Eleventh.

Gs.	B.	Wt.			
500	76	42	is	285	by the Rule
152	84	is	285		by Ditto.
100	31	18	is	61 1	} by the Tables.
100	31	18	is	61 1	
100	30	16	is	54 1	
100	30	16	is	54 1	
100	30	16	is	54 1	
500	152	84	is	285 1	

Twelfth.

600	80	38	is	279	by the Rule.
160	76	is	279		by Ditto.
150	40	20	is	75	} by the Tables.
150	40	20	is	75	
150	40	20	is	75	
150	40	16	is	54	
600	160	76	is	279	

To conclude, from a Retrospect of the Premises it appears, that these *Tables* exceed in *Powers* the most sanguine *Expectations* even of the *Author* himself. The *Benefits* which may arise therefrom to the *Public*, he trusts, will amply *compensate* his *Labours*. To the *Liquor Trade* at large, the *Assistance* and *Expence* of a *Gauger*, and even that of the *Sliding Rule*, are hereby, in a *Manner*, rendered *unnecessary*: The *fair and industrious Trader* may at *Will* know the true *State* of his *Stock*, and keep a watchful *Check* upon his *Dependents*: They may be a happy *Means* of preventing *Numbers* from *Ruin*, who before might have had some appearance, but (now have no *Excuse*) of wanting the *Means* of knowing the true *State* thereof. Even *Excise-men* themselves may derive *Benefit* therefrom in the saving of much *Time* and *Head Work*; and as perhaps *They* of all others can least afford the *Purchase Money*, the *Author* assures them they shall be put on the same *Footings* as *Booksellers* in the *Abatement* of the *Price*, on satisfactory *Proof* being given of *their* actually being *such*.

ADVERTISEMENT.

ADVERTISEMENT.

PLEASE to observe, THIS WORK is duly
entered at Stationers' Hall.

And whereas his former *Work alluded to*, has been piratically reprinted, the *Author* hereby promises a Reward of FIFTY GUINEAS to any *Person* who shall inform against any *Printer, Bookseller, or Others, re-printing*, or any Ways *pirating or selling any spurious Copies* of this WORK, or with a *forged Signature* of the *Author's Hand Writing*, upon legal Conviction, Witness my Hand,

Оѣ. 1784.

James Boydell

A Practical Method to gauge Casks by the Pen.

From Pofflethwaite's Dictionary.

" Take the Difference of the Bung and Head Diameters of any Cask,
 " and multiply that Difference by the Number which stands against the Name
 " of the Cask given in the following Table; add the Product to the Head
 " Diameter, so will the Sum be the Diameter of a Cylinder, (which, being
 " of the same Length with the given Cask, will contain as much) square the
 " Diameter thus found, and multiply that Square by the Length, and divide
 " that Product by 294 for Wine Gallons.

The Multipliers for a Cask which is taken for Varieties.

The Middle Frustrum.	{	1 Of a Spheroid	}	.7	{	greatest Bulge
		2 Of a Par. Spind.		.63		next less
		3 Two Conoids		.56		next less to that
		4 Two Cones		.51		next less to that

E X A M P L E.

" Let a Cask be taken as the Middle Frustrum of a Spheroid, let the
 " Bung Diameter be 32 Inches, the Head 26, and Length 50 Inches, what
 " is the Contents in Wine Gallons, according to this Rule,

Bung's Diameter	32	Inches
Deduct for the Head	26	
<hr/>		
Difference	6	
Multiplied by	.7	as in the Table
<hr/>		
	4.2	
Add the Head Diameter	26	
<hr/>		
The mean Diameter	30.2	
Multiplied by itself	30.2	
<hr/>		
	604	
	906	
<hr/>		
	912.04	
Multiplied by the Length	50	
<hr/>		

And divided by 294) 45602.00 (155 . 1 Wine Gallons

" More Examples of this Kind would be superfluous, for what is said of a
 " Cask taken as the Middle Frustrum of a Spheroid, may be understood of the
 " other three, only, instead of multiplying the Difference of the Diameters by
 " .7, as above, you must use .63, .56, or .51, according to the Denomination
 " of the Cask you are to gauge.

A Political Address to George Coker by the Rev.

From F. H. Johnson, D.D.

As the President of the State and the President of the Church, I am glad to have the opportunity to address you on this important occasion. I am glad to have the opportunity to address you on this important occasion. I am glad to have the opportunity to address you on this important occasion.

The following is a list of the names of the members of the Church who have been elected to the office of President of the Church for the year 1888.

E. A. M. P. E. E.

The following is a list of the names of the members of the Church who have been elected to the office of President of the Church for the year 1888.

The following is a list of the names of the members of the Church who have been elected to the office of President of the Church for the year 1888.

The following is a list of the names of the members of the Church who have been elected to the office of President of the Church for the year 1888.

The following is a list of the names of the members of the Church who have been elected to the office of President of the Church for the year 1888.

The 5 and 6 Gallon Casks, whose Bung Diameter dips in Inches, viz.

	17	16	15	14	13	12	11	10	9	8	7	6
17	5	-										
16	4	3	5	-								
15	4	2	4	3	5	-						
14	4	1	4	2	4	3	5	-				
13	4	-	4	1	4	2	4	3	5	-		
12	3	3	4	-	4	1	4	2	4	3	5	-
11	3	2	3	3	4	-	4	1	4	2	4	3
10	3	-	3	1	3	2	4	-	4	3	5	-
9	2	2	2	3	3	-	3	3	4	2	4	3
8	2	1	2	2	3	3	2	4	1	4	3	5
7	1	3	2	-	2	1	2	2	3	3	4	3
6	1	1	1	2	1	3	2	-	2	2	3	5
5	1	-	1	1	1	1	2	1	2	2	3	4
4	-	3	-	3	1	-	1	1	2	2	3	3
3	-	2	-	2	-	3	-	3	1	1	2	2
2	-	1	-	1	-	1	-	2	-	2	1	1
1	-	0	-	0	-	0	-	0	-	0	-	1

	17	16	15	14	13	12	11	10	9	8	7	6
17	6	-										
16	5	3	6	-								
15	5	3	5	3	6	-						
14	5	2	5	2	5	3	6	-				
13	5	-	5	1	5	2	5	3	6	-		
12	4	3	5	-	5	1	5	2	5	3	6	-
11	4	1	4	2	4	3	5	-	5	2	5	3
10	3	3	4	-	4	1	4	2	4	3	5	2
9	3	1	3	2	3	3	4	-	4	1	4	3
8	2	3	3	-	3	1	3	3	4	2	5	2
7	2	1	2	2	2	3	3	3	4	2	5	2
6	1	3	2	-	2	2	3	3	3	4	2	5
5	1	1	1	2	1	3	2	1	3	3	4	2
4	1	-	1	1	1	1	2	1	2	2	3	4
3	-	2	-	3	1	-	1	1	1	2	2	3
2	-	1	-	2	-	2	-	3	-	1	1	2
1	-	0	-	0	-	0	-	1	-	1	2	2

The 7 and 8 Gallon Casks, whose Bung Diameter dips in Inches, viz.

	17	16	15	14	13	12	11	10	9	8	7	6
17	7	-										
16	6	3	7	-								
15	6	2	6	3	7	-						
14	6	1	6	2	6	3	7	-				
13	5	3	6	1	6	2	6	3	7	-		
12	5	2	5	3	6	-	6	3	7	-		
11	4	3	5	1	5	2	6	2	6	3	7	-
10	4	1	4	3	5	-	5	3	6	2	6	3
9	3	3	4	-	4	2	4	3	5	1	5	2
8	3	1	3	2	3	3	4	2	5	1	4	3
7	2	2	3	-	3	1	3	4	2	5	1	4
6	2	1	2	1	2	2	3	3	2	4	3	2
5	1	1	1	3	1	1	2	2	3	2	3	2
4	1	1	1	1	1	1	1	1	2	1	1	1
3	-	3	-	3	1	-	1	1	1	1	1	1
2	-	1	-	2	-	2	3	3	1	1	1	1
1	-	0	-	1	-	1	-	1	2	2	2	3

	17	16	15	14	13	12	11	10	9	8	7	6
17	8	-										
16	7	3	8	-								
15	7	2	7	3	8	-						
14	7	1	7	2	7	3	8	-				
13	6	3	7	1	7	2	7	3	8	-		
12	6	1	6	2	7	-	7	2	7	3	8	-
11	5	2	6	-	7	1	7	1	6	2	7	3
10	5	-	5	1	6	3	7	1	6	2	6	3
9	4	1	4	3	5	2	6	1	5	1	4	3
8	3	3	4	-	4	3	5	2	4	3	4	-
7	3	2	3	1	3	3	4	2	3	2	3	4
6	2	2	2	3	3	2	3	2	2	2	2	3
5	1	1	1	2	2	1	2	1	2	1	1	2
4	1	1	1	1	1	1	1	1	1	1	1	1
3	-	3	-	1	-	1	1	1	1	1	1	1
2	-	2	-	2	-	2	3	3	1	1	1	1
1	-	1	-	1	-	1	-	1	2	2	2	3

The 9 and 10 Gallon Casks, whose Bung Diameter dips in Inches, viz.

	17	16	15	14	13	12	11	10	9	8	7	6
17	9	-										
16	8	3	9	-								
15	8	2	8	3	9	-						
14	8	-	8	2	8	3	9	-				
13	7	2	8	-	8	2	8	3	9	-		
12	7	-	7	1	8	-	8	3	9	-		
11	6	1	6	3	7	1	7	3	8	1	9	-
10	5	2	6	-	6	2	7	-	7	2	8	1
9	4	3	5	1	5	3	6	1	6	3	7	2
8	4	1	4	2	4	3	5	2	5	2	6	3
7	3	2	3	3	4	1	4	2	5	1	5	2
6	2	3	3	-	3	1	3	2	4	1	4	2
5	2	-	2	1	2	2	3	3	4	2	5	1
4	1	2	1	3	1	3	2	-	3	1	3	3
3	1	-	1	-	1	1	1	2	2	1	2	2
2	-	2	-	2	-	3	-	3	1	-	2	2
1	-	1	-	1	-	1	-	1	-	2	-	2

	18	17	16	15	14	13	12	11	10	9	8	7
18	10	-										
17	9	3	10	-								
16	9	2	9	3	10	-						
15	9	-	9	2	9	3	10	-				
14	8	2	9	-	9	1	9	3	10	-		
13	7	3	8	1	8	3	9	1	9	3	10	-
12	7	1	7	3	8	1	8	3	9	1	9	3
11	6	2	7	2	7	2	8	1	8	2	9	3
10	5	3	6	1	6	2	7	3	8	1	8	2
9	5	-	5	2	5	3	6	1	7	2	7	3
8	4	1	4	2	5	-	6	2	7	1	6	2
7	3	2	3	3	4	1	5	2	6	1	5	2
6	2	3	3	-	3	1	4	2	5	1	4	2
5	2	-	2	1	2	2	3	3	4	2	5	1
4	1	1	1	2	1	3	2	3	3	1	4	2
3	-	3	1	-	1	1	2	2	3	2	3	1
2	-	2	-	2	-	2	-	3	1	-	2	2
1	-	1	-	1	-	1	-	1	-	2	-	2

The 11 and 12 Gallon Casks, whose Bung Diameter dips in Inches, viz.

	18	17	16	15	14	13	12	11	10	9	8	7
18	11	-										
17	10	3	11	-								
16	10	2	10	3	11	-						
15	10	-	10	1	10	3	11	-				
14	9	2	10	-	10	1	10	3	11	-		
13	8	3	9	1	9	3	10	1	10	2	11	-
12	8	-	8	2	9	-	9	2	10	1	10	2
11	7	-	7	3	8	1	8	3	9	2	10	1
10	6	1	6	3	7	1	8	-	9	1	10	-
9	5	2	5	3	6	2	7	-	8	1	9	-
8	4	3	5	1	5	2	6	-	7	1	8	-
7	4	-	4	1	4	2	5	-	6	1	7	-
6	3	-	3	1	3	3	4	-	5	2	6	-
5	2	1	2	2	2	3	3	-	4	3	5	-
4	1	1	1	3	2	2	2	-	3	4	3	-
3	1	-	1	1	1	2	1	-	2	3	2	-
2	-	2	-	3	-	3	-	-	1	1	1	-
1	-	1	-	1	-	1	-	-	2	-	2	-

	18	17	16	15	14	13	12	11	10	9	8	7
18	12	-										
17	11	3	12	-								
16	11	1	11	3	12	-						
15	11	-	11	1	11	2	12	-				
14	10	-	10	3	11	-	11	2	12	-		
13	9	2	10	-	10	2	11	-	11	2	12	-
12	8	3	9	1	9	2	10	-	11	-	11	2
11	7	-	7	2	8	-	8	2	9	-	10	-
10	6	-	6	2	7	-	7	2	8	-	9	-
9	5	-	5	2	6	-	6	2	7	-	8	-
8	4	1	4	2	5	-	5	2	6	-	7	-
7	3	1	3	2	4	-	4	2	5	-	6	-
6	3	-	3	1	3	3	4	-	5	1	6	-
5	2	2	2	3	3	-	4	2	5	1	6	-
4	2	-	2	2	2	2	3	-	4	2	5	-
3	1	-	1	1	1	2	2	-	3	1	4	-
2	-	3	-	3	1	-	1	-	2	1	2	-
1	-	1	-	1	-	2	-	-	2	-	2	-

The 13 and 14 Gallon Casks, whose Bung Diameter dips in Inches, viz.

	19	18	17	16	15	14	13	12	11	10	9	8
19	13	-										
18	12	3 13	-									
17	12	1 12	3 13	-								
16	12	- 12	1 12	3 13	-							
15	11	1 11	3 12	1 12	3 13	-						
14	10	2 11	- 11	3 12	1 12	3 13	-					
13	9	3 10	1 10	3 11	2 12	- 12	2 13	-				
12	8	3 9	2 10	- 10	2 11	2 12	- 12	2 13	-			
11	7	3 8	2 9	- 9	3 10	1 11	1 12	- 12	2 13	-		
10	7	- 7	2 8	- 8	3 9	2 10	- 11	- 11	3 12	2 13	-	
9	6	- 6	2 7	- 7	2 8	1 9	- 9	3 10	2 11	2 12	2 13	-
8	5	1 5	2 6	- 6	2 7	- 7	3 8	2 9	2 10	1 11	2 12	1 13
7	4	1 4	2 5	- 5	2 6	- 6	2 7	- 8	- 9	- 10	- 11	1 12
6	3	1 3	2 4	- 4	1 4	3 5	1 6	- 6	2 7	1 8	1 9	2 10
5	2	2 2	3 3	- 3	1 3	2 4	- 4	2 5	- 5	3 6	2 7	2 8
4	1	3 2	- 2	1 2	2 2	3 3	- 3	1 3	2 4	- 4	3 5	2 6
3	1	- 1	1 1	1 1	1 2	1 2	3 2	- 2	2 2	3 3	- 3	2 4
2	-	3 -	3 -	3 -	3 1	- 1	- 1	- 1	1 1	2 1	2 1	3 2
1	-	1 -	1 -	1 -	1 -	1 -	2 -	2 -	2 -	2 -	3 -	3 -

	20	19	18	17	16	15	14	13	12	11	10	9
20	14	-										
19	13	3 14	-									
18	13	1 13	3 14	-								
17	13	- 13	1 13	3 14	-							
16	12	1 12	3 13	1 13	3 14	-						
15	11	2 12	- 12	2 13	- 13	2 14	-					
14	10	2 11	1 12	- 12	2 13	- 13	2 14	-				
13	9	3 10	2 11	- 11	2 12	2 13	- 13	2 14	-			
12	9	- 9	2 10	- 10	3 11	2 12	1 13	- 13	2 14	-		
11	8	- 8	2 9	- 9	3 10	2 11	- 12	- 13	- 13	2 14	-	
10	7	- 7	2 8	- 8	3 9	2 10	- 11	- 11	2 12	3 13	2 14	-
9	6	- 6	2 7	- 7	2 8	- 9	- 9	2 10	2 11	2 12	2 13	1 14
8	5	- 5	2 6	- 6	2 7	- 7	2 8	2 9	- 10	- 11	- 12	1 13
7	4	1 4	2 5	- 5	1 4	2 5	- 5	2 6	2 7	- 8	- 9	- 10
6	3	2 3	3 4	- 4	1 4	2 5	- 5	2 6	2 7	- 8	- 9	- 10
5	2	2 2	3 3	- 3	1 3	2 4	- 4	2 5	- 5	2 6	- 7	- 8
4	1	3 2	- 2	1 2	2 2	3 3	- 3	1 3	2 4	- 4	2 5	- 6
3	1	- 1	1 1	1 1	1 2	1 2	3 2	- 2	2 2	3 3	- 3	2 3
2	-	3 -	3 -	3 1	- 1	- 1	- 1	- 1	1 1	1 1	2 1	3 2
1	-	1 -	1 -	1 -	1 -	2 -	2 -	2 -	2 -	2 -	3 -	3 -

The 15 and 15½ Gallon Casks, whose Bung Diameter dips in Inches, viz.

	20	19	18	17	16	15	14	13	12	11	10	9
20	15	-										
19	14	3	15	-								
18	14	1	14	3	15	-						
17	13	3	14	1	14	3	15	-				
16	13	-	13	3	14	1	14	3	15	-		
15	12	1	13	-	13	2	14	-	14	3	15	-
14	11	2	12	-	12	3	13	2	14	-	14	2
13	10	2	11	-	11	3	12	2	13	1	14	-
12	9	2	10	-	10	3	11	2	12	1	13	3
11	8	2	9	-	9	3	10	1	11	2	12	1
10	7	2	8	-	8	2	9	1	10	1	11	2
9	6	2	7	-	7	2	8	1	9	1	10	1
8	5	2	6	-	6	1	7	2	8	1	9	1
7	4	2	5	-	5	2	6	1	7	2	8	1
6	3	2	4	-	4	1	5	2	6	1	7	2
5	2	2	3	-	3	1	4	2	5	1	6	2
4	1	3	2	-	2	1	3	2	4	1	5	1
3	1	-	1	-	1	1	2	1	3	1	4	1
2	-	2	-	2	-	3	1	-	2	2	3	2
1	-	1	-	1	-	1	-	2	-	2	-	3

	20	19	18	17	16	15	14	13	12	11	10	9
20	15	3										
19	15	2	15	3								
18	15	-	15	2	15	3						
17	14	2	15	-	15	2	15	3				
16	13	3	14	1	15	-	15	2	15	3		
15	12	3	13	2	14	1	14	3	15	2	15	3
14	12	-	12	3	13	2	14	-	14	3	15	2
13	11	-	11	3	12	2	13	-	13	2	14	3
12	10	-	10	3	11	1	12	-	12	1	13	2
11	8	3	9	2	10	1	11	-	11	2	12	1
10	7	3	8	1	9	2	10	1	11	1	12	1
9	6	3	7	1	8	2	9	1	10	1	11	1
8	5	2	6	-	7	3	8	2	9	1	10	1
7	4	2	5	-	6	2	7	1	8	2	9	1
6	3	2	4	-	5	1	6	2	7	1	8	2
5	2	3	3	-	4	2	5	1	6	2	7	1
4	2	-	2	-	3	1	4	2	5	1	6	2
3	1	1	1	1	2	1	3	2	4	1	5	1
2	-	2	-	2	-	3	1	-	2	2	3	2
1	-	1	-	1	-	1	-	2	-	2	-	3

The 17 and 18 Gallon Casks, whose Bung Diameter dips in Inches, viz.

	21	20	19	18	17	16	15	14	13	12	11	10
21	17	-										
20	16	3 17	-									
19	16	1 16	3 17	-								
18	15	3 16	1 16	3 17	-							
17	15	- 15	2 16	- 16	3 17	-						
16	14	1 14	3 15	2 16	- 16	2 17	-					
15	13	1 14	- 14	3 15	1 16	- 16	2 17	-				
14	12	1 13	- 13	3 14	2 15	1 16	- 16	2 17	-			
13	11	1 12	- 12	2 13	2 14	1 15	- 15	3 16	2 17	-		
12	10	1 10	3 11	2 12	1 13	- 14	- 15	- 15	3 16	2 17	-	
11	9	- 9	2 10	1 11	- 12	- 12	3 13	2 14	2 15	2 16	2 17	-
10	8	- 8	2 9	- 9	3 10	2 11	2 12	1 13	1 14	1 15	1 16	2 17
9	6	3 7	2 8	- 8	2 9	- 10	- 10	3 11	3 12	3 14	- 15	1 16
8	5	3 6	1 6	3 7	1 8	- 8	2 9	1 10	- 11	1 12	1 13	2 15
7	4	3 5	- 5	2 6	- 6	2 7	- 7	3 8	2 9	2 10	2 11	3 13
6	3	3 4	- 4	2 4	3 5	- 5	2 6	1 7	- 7	2 8	2 9	2 10
5	2	3 3	- 3	1 3	2 4	- 4	1 4	3 5	1 5	3 6	2 7	1 8
4	2	- 2	1 2	1 2	2 2	3 3	- 3	2 3	3 4	1 4	3 5	1 6
3	1	1 1	2 1	2 1	3 1	3 2	- 2	- 2	2 2	3 3	- 3	1 3
2	-	3 -	3 -	3 1	- 1	- 1	- 1	1 1	1 1	2 1	3 1	3 1
1	-	1 -	1 -	1 -	1 -	2 -	2 -	2 -	2 -	2 -	2 -	3 -

	22	21	20	19	18	17	16	15	14	13	12	11
22	18	-										
21	17	3 18	-									
20	17	1 17	3 18	-								
19	16	3 17	1 17	3 18	-							
18	16	- 16	3 17	1 17	3 18	-						
17	15	1 16	- 16	2 17	1 17	3 18	-					
16	14	1 15	- 15	3 16	2 17	- 17	3 18	-				
15	13	1 14	- 14	3 15	1 16	1 17	- 17	3 18	-			
14	12	1 13	- 13	3 14	2 15	1 16	1 17	- 17	3 18	-		
13	11	1 12	- 12	2 13	2 14	1 15	- 16	- 16	3 17	2 18	-	
12	10	- 10	3 11	2 12	1 13	- 14	3 15	3 16	3 17	2 18	-	
11	9	- 9	2 10	1 11	- 11	3 12	2 13	2 14	2 15	2 16	2 17	2 18
10	7	3 8	2 9	- 9	2 10	1 11	1 12	- 13	- 14	- 15	1 16	2 17
9	6	3 7	1 7	3 8	1 9	- 9	3 10	2 11	2 12	2 13	2 14	3 16
8	5	2 6	- 6	2 7	- 7	2 8	1 9	- 9	3 10	3 11	3 13	- 14
7	4	2 5	- 5	1 5	3 6	1 6	3 7	2 8	1 9	- 10	- 11	- 12
6	3	2 4	- 4	1 4	2 5	- 5	2 6	- 6	2 7	1 8	- 9	- 10
5	2	3 3	- 3	1 3	2 3	3 4	- 4	2 5	- 5	2 6	1 6	3 7
4	1	3 2	- 2	1 2	2 2	2 3	- 3	1 3	2 4	- 4	2 4	3 5
3	1	1 1	1 1	1 1	2 1	2 1	3 2	- 2	1 2	2 2	3 3	1 3
2	-	2 -	3 -	3 -	3 1	- 1	- 1	- 1	1 1	1 1	2 1	2 1
1	-	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	2 -	2 -	2 -

The 19 and 20 Gallon Casks, whose Bung Diameter dips in Inches, viz.

	22	21	20	19	18	17	16	15	14	13	12	11
22	19	-										
21	18	3 19	-									
20	18	1 18	3 19	-								
19	17	2 18	- 18	3 19	-							
18	17	- 17	2 18	- 18	3 19	-						
17	16	- 16	3 17	2 18	- 18	2 19	-					
16	15	- 15	3 16	2 17	2 18	- 18	2 19	-				
15	14	- 14	3 15	2 16	1 17	- 18	- 18	2 19	-			
14	13	- 13	3 14	2 15	1 16	- 17	- 17	3 18	2 19	-		
13	11	3 12	2 13	1 14	- 15	- 15	3 16	3 17	2 18	2 19	-	
12	10	2 11	2 12	- 13	- 13	2 14	2 15	2 16	2 17	2 18	2 19	-
11	9	2 10	- 10	3 11	2 12	1 13	1 14	1 15	- 16	1 17	1 18	2 19
10	8	2 9	- 9	2 10	1 10	3 11	3 12	2 13	2 14	3 16	- 17	1 18
9	7	1 7	2 8	1 8	3 9	2 10	1 11	- 12	- 13	- 14	1 15	2 17
8	6	- 6	2 7	- 7	2 8	1 8	3 9	2 10	1 11	1 12	2 13	3 15
7	5	- 5	1 5	2 6	- 6	2 7	- 7	3 8	2 9	2 10	2 11	3 13
6	4	- 4	1 4	2 4	3 5	1 5	2 6	2 7	- 7	2 8	2 9	2 10
5	3	- 3	1 3	2 3	3 4	- 4	1 4	3 5	1 5	3 6	2 7	1 8
4	2	- 2	1 2	2 2	3 3	- 3	1 3	2 3	3 4	- 4	2 5	1 6
3	1	1 1	2 1	2 1	2 1	3 2	- 2	- 2	1 2	2 3	- 3	2 3
2	-	3 1	- 1	- 1	- 1	- 1	- 1	- 1	1 1	1 1	2 1	3 2
1	-	1 -	1 -	1 -	1 -	1 -	1 -	1 -	2 -	2 -	2 -	2 -

	23	22	21	20	19	18	17	16	15	14	13	12
23	20	-										
22	19	3 20	-									
21	19	1 19	3 20	-								
20	18	2 19	1 19	3 20	-							
19	18	- 18	2 19	- 19	3 20	-						
18	17	- 17	3 18	2 19	- 19	3 20	-					
17	16	- 17	- 17	2 18	1 19	- 19	2 20	-				
16	15	- 16	- 16	2 17	2 18	- 19	- 19	2 20	-			
15	14	- 14	3 15	2 16	1 17	- 18	- 18	3 19	2 20	-		
14	13	- 13	2 14	1 15	- 16	- 17	- 18	3 19	2 20	-		
13	11	3 12	1 13	- 14	- 15	- 15	3 16	3 17	2 18	2 19	2 20	-
12	10	2 11	- 12	- 12	3 13	2 14	2 15	2 16	2 17	2 18	2 19	2 20
11	9	2 10	- 10	2 11	1 12	- 13	- 14	- 15	- 16	- 17	- 18	2 19
10	8	1 9	- 9	2 10	- 10	2 11	2 12	1 13	1 14	2 15	2 17	- 18
9	7	- 7	3 8	2 9	- 9	2 10	- 10	3 11	2 12	2 13	3 15	1 16
8	5	3 6	2 7	- 7	1 8	- 8	2 9	1 10	- 10	3 12	- 13	1 14
7	4	3 5	1 5	3 6	- 6	2 7	- 7	3 8	2 9	1 10	- 11	- 12
6	3	3 4	- 4	2 4	3 5	- 5	2 6	- 6	3 7	2 8	- 9	- 10
5	2	3 3	- 3	2 3	3 4	- 4	1 4	2 5	- 5	2 6	1 6	3 7
4	1	3 2	1 2	2 2	2 3	- 3	- 3	1 3	2 4	- 4	2 4	3 5
3	1	2 1	2 1	2 1	3 2	- 2	- 2	- 2	2 2	2 3	- 3	1 3
2	-	3 -	3 1	- 1	- 1	- 1	- 1	1 1	1 1	1 1	2 1	2 1
1	-	1 -	1 -	1 -	1 -	1 -	2 -	2 -	2 -	2 -	2 -	2 -

The 21 and 22 Gallon Casks, whose Bung Diameter dips in Inches, viz.

	23	22	21	20	19	18	17	16	15	14	13	12
23	21	-										
22	20	3 21	-									
21	20	1 20	3 21	-								
20	19	2 20	- 20	3 21	-							
19	19	- 19	2 20	- 20	3 21	-						
18	18	- 18	2 19	1 20	- 20	3 21	-					
17	17	- 17	2 18	2 19	1 20	- 20	2 21	-				
16	16	- 16	3 17	1 18	1 19	- 20	- 20	2 21	-			
15	14	3 15	2 16	1 17	- 18	- 19	- 19	3 20	2 21	-		
14	13	2 14	1 15	- 16	- 17	- 18	- 18	3 19	3 20	2 21	-	
13	12	1 13	- 13	3 14	2 15	2 16	2 17	2 18	2 19	2 20	2 21	-
12	11	- 11	2 12	2 13	1 14	1 15	- 16	- 17	- 18	1 19	2 20	2 21
11	10	- 10	2 11	1 11	3 12	2 13	2 14	2 15	2 16	3 18	- 19	2 20
10	8	3 9	1 9	3 10	2 11	- 12	- 13	- 14	- 15	- 16	1 17	2 19
9	7	2 8	- 8	2 9	1 10	- 10	2 11	1 12	- 13	1 14	2 16	- 17
8	6	1 6	3 7	1 7	3 8	2 9	- 9	3 10	2 11	1 12	2 13	3 15
7	5	- 5	2 6	- 6	2 6	3 7	1 8	- 9	- 9	3 10	2 11	2 13
6	4	- 4	2 4	3 5	- 5	2 6	- 6	2 7	- 7	3 8	2 9	2 10
5	3	- 3	2 3	3 4	- 4	- 4	2 5	- 5	2 6	- 6	2 7	1 8
4	2	- 2	1 2	2 2	3 3	- 3	- 3	2 4	- 4	1 4	3 4	3 5
3	1	2 1	2 1	3 1	3 2	- 2	- 2	1 2	2 2	3 3	- 3	1 3
2	-	3 1	- 1	- 1	- 1	- 1	- 1	1 1	1 1	2 1	2 1	3 2
1	-	1 -	1 -	1 -	1 -	2 -	2 -	2 -	2 -	2 -	2 -	2 -

	23	22	21	20	19	18	17	16	15	14	13	12
23	22	-										
22	21	3 22	-									
21	21	1 21	3 22	-								
20	20	2 21	- 21	3 22	-							
19	20	- 20	2 21	- 21	3 22	-						
18	19	- 19	2 20	2 21	- 21	3 22	-					
17	17	3 18	2 19	2 20	1 21	- 21	2 22	-				
16	16	2 17	2 18	1 19	- 20	- 20	3 21	2 22	-			
15	15	2 16	1 17	- 18	- 19	- 20	- 20	3 21	2 22	-		
14	14	1 15	- 16	- 16	3 17	3 18	3 19	3 20	2 21	2 22	-	
13	13	- 13	3 14	2 15	2 16	1 17	1 18	1 19	2 20	2 21	2 22	-
12	11	2 12	1 13	- 14	- 15	- 15	3 17	- 18	- 19	1 20	2 21	2 22
11	10	1 11	- 11	2 12	2 13	1 14	1 15	1 16	2 17	2 19	- 20	1 21
10	9	- 9	3 10	1 11	- 11	3 12	2 13	2 14	3 15	3 17	1 18	2 20
9	7	2 8	1 8	3 9	2 10	- 11	- 11	3 12	3 14	- 15	1 16	3 18
8	6	2 7	- 7	2 7	3 8	2 9	1 10	- 11	- 12	- 13	- 14	2 16
7	5	1 5	3 6	- 6	1 6	3 7	2 8	1 9	- 10	- 11	- 12	1 13
6	4	- 4	2 4	3 5	- 5	2 6	- 6	2 7	- 7	3 8	3 9	3 11
5	3	- 3	2 3	3 4	- 4	1 4	2 4	3 5	1 6	- 6	2 7	2 8
4	2	- 2	1 2	2 2	3 3	- 3	3 1	3 2	3 3	4 1	3 5	1 6
3	1	2 1	2 1	2 1	3 1	3 2	- 2	2 1	2 2	3 3	2 4	-
2	-	3 -	- 3	- 3	- 3	1 -	1 -	1 -	1 1	1 1	2 1	3 2
1	-	1 -	1 -	1 -	1 -	2 -	2 -	2 -	2 -	2 -	2 -	2 -

The 25 and 26 Gallon Casks, whose Bung Diameter dips in Inches, viz.

	24	23	22	21	20	19	18	17	16	15	14	13
24	25	-										
23	24	3 25	-									
22	24	1 24	3 25	-								
21	23	2 24	- 24	3 25	-							
20	22	3 23	1 24	- 24	3 25	-						
19	21	3 22	2 23	1 24	- 24	2 25	-					
18	20	2 21	2 22	1 23	1 24	- 24	2 25	-				
17	19	2 20	1 21	- 22	- 23	3 24	2 25	-				
16	18	- 19	- 19	3 20	3 21	3 23	- 23	3 24	2 25	-		
15	16	3 17	2 18	2 19	2 20	2 21	2 22	3 23	2 24	2 25	-	
14	15	1 16	1 17	- 18	- 19	- 20	- 21	1 22	2 23	2 24	1 25	-
13	13	3 14	3 15	2 16	2 17	2 18	2 19	3 20	3 22	- 23	1 24	1 25
12	12	2 13	1 14	- 15	- 15	3 17	- 18	- 19	1 20	2 21	3 23	1 24
11	11	1 11	3 12	2 13	1 14	- 15	1 16	1 17	2 18	2 20	- 21	2 23
10	9	2 10	1 11	- 11	3 12	2 13	1 14	1 15	2 16	2 18	- 19	2 21
9	8	1 8	3 9	2 10	- 11	- 11	2 12	2 13	2 14	2 15	3 17	1 19
8	6	3 7	1 8	- 8	1 9	- 9	3 10	2 11	2 12	2 13	2 14	3 16
7	5	2 6	- 6	2 7	2 7	2 8	3 8	3 9	2 10	1 11	1 12	2 13
6	4	1 4	3 5	- 5	2 5	3 6	1 7	- 7	2 8	1 9	- 10	- 11
5	3	1 3	2 3	3 4	1 4	3 4	3 5	1 5	3 6	1 6	3 7	2 8
4	2	1 2	2 2	2 2	3 3	- 3	3 3	3 4	- 4	2 5	- 5	2 5
3	1	2 1	2 1	3 1	3 1	3 2	- 2	1 2	1 2	3 3	- 3	2 4
2	-	3 -	3 -	3 1	- 1	- 1	- 1	1 1	1 1	2 2	2 1	3 2
1	-	1 -	1 -	1 -	1 -	1 -	1 -	2 -	2 -	2 -	2 -	2 -

	24	23	22	21	20	19	18	17	16	15	14	13
24	26	-										
23	25	3 26	-									
22	25	1 25	3 26	-								
21	24	2 25	- 25	3 26	-							
20	23	3 24	1 25	- 25	3 26	-						
19	22	2 23	2 24	1 25	- 25	2 26	-					
18	21	1 22	1 23	1 24	- 24	3 25	2 26	-				
17	20	- 21	- 22	- 23	- 24	- 24	3 25	2 26	-			
16	18	3 19	3 20	3 21	2 22	3 23	3 24	2 25	2 26	-		
15	17	1 18	1 19	1 20	1 21	1 22	2 23	2 24	2 25	2 26	-	
14	16	- 16	3 17	3 18	3 19	3 21	- 22	- 23	2 24	1 25	1 26	-
13	14	2 15	1 16	1 17	1 18	1 19	1 20	2 21	3 23	- 24	1 25	1 26
12	13	- 13	3 14	2 15	2 16	2 17	2 18	3 20	- 21	1 22	3 24	- 25
11	11	2 12	1 13	- 13	3 14	2 15	3 16	3 18	- 19	1 20	3 22	1 24
10	9	3 10	2 11	2 12	1 13	- 13	3 15	- 16	- 17	1 18	3 20	2 22
9	8	2 9	- 9	3 10	2 11	2 12	- 13	- 14	- 15	- 16	2 18	- 19
8	7	1 7	2 8	- 8	2 9	2 10	1 11	- 12	- 13	- 14	- 15	2 17
7	5	3 6	1 6	3 7	1 7	3 8	2 9	1 9	3 10	3 11	3 13	- 14
6	4	2 5	- 5	1 5	3 6	- 6	2 7	1 7	3 8	2 9	2 10	2 11
5	3	2 3	2 4	- 4	1 4	3 5	- 5	1 6	- 6	2 7	- 8	- 8
4	2	1 2	2 2	3 3	- 3	1 3	1 3	3 4	- 4	3 5	- 5	2 6
3	1	2 1	2 1	3 1	3 2	- 2	- 2	1 2	2 2	3 3	1 3	2 4
2	-	3 -	3 1	- 1	- 1	- 1	- 1	1 1	2 1	2 2	3 1	3 2
1	-	1 -	1 -	1 -	1 -	1 -	1 -	2 -	2 -	2 -	2 -	2 -

The 27 $\frac{1}{2}$ Gallon Cask, whose Bung Diameter dips in Inches, viz.

	24	23	22	21	20	19	18	17	16	15	14	13
24	27	2										
23	27	1 27	2									
22	26	2 27	1 27	2								
21	25	3 26	2 27	- 27	2							
20	25	- 25	3 26	2 27	- 27	2						
19	23	3 24	3 25	2 26	2 27	- 27	2					
18	22	2 23	3 24	2 25	2 26	1 27	- 27	2				
17	21	1 22	1 23	1 24	1 25	1 26	1 27	- 27	2			
16	20	- 21	- 21	3 23	- 24	- 25	- 26	- 27	- 27	2		
15	18	2 19	1 20	1 21	2 22	2 23	3 25	- 26	- 27	- 27	2	
14	16	3 17	3 18	3 19	3 21	- 22	- 23	2 24	3 25	3 26	3 27	2
13	15	1 16	1 17	- 18	1 19	1 20	2 21	3 23	- 24	2 25	2 26	3 27
12	13	3 14	2 15	1 16	2 17	2 18	2 20	- 21	1 22	2 24	- 25	2 26
11	12	- 13	- 13	3 14	2 15	2 16	2 17	3 19	1 20	2 22	- 23	3 25
10	10	2 11	1 12	- 13	- 13	3 14	2 15	3 17	- 18	1 19	3 21	2 23
9	9	- 9	2 10	1 11	- 12	- 12	3 13	3 14	3 16	- 17	2 19	- 21
8	7	2 8	- 8	3 9	- 10	- 10	3 11	2 12	2 13	3 15	- 16	1 18
7	6	1 6	2 7	- 7	2 8	- 8	3 9	2 10	2 11	1 12	2 13	3 15
6	4	3 5	- 5	2 6	- 6	2 7	- 7	2 8	- 9	- 10	- 11	- 12
5	3	2 3	2 4	- 4	2 5	- 5	1 5	3 6	1 6	3 7	2 8	2 9
4	2	2 2	2 2	3 3	- 3	1 3	3 4	- 4	2 5	- 5	2 6	- 6
3	1	2 1	3 1	3 2	- 2	- 2	1 2	2 2	3 3	- 3	1 3	3 4
2	-	3 1	3 1	- 1	- 1	- 1	1 1	2 1	2 1	3 1	3 2	- 2
1	-	1	-	1	-	1	-	2	-	2	-	2

The 29 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	25	24	23	22	21	20	19	18	17	16	15	14
25	29	-										
24	28	3 29	-									
23	28	1 28	3 29	-								
22	27	1 28	- 28	3 29	-							
21	26	2 27	1 28	- 28	2 29	-						
20	25	2 26	1 27	- 28	- 28	2 29	-					
19	24	- 25	- 26	- 27	- 27	3 28	2 29	-				
18	23	- 23	3 25	- 26	- 27	- 27	3 28	2 29	-			
17	21	2 22	2 23	2 24	2 25	3 26	3 27	2 28	2 29	-		
16	20	- 21	- 22	- 23	- 24	1 25	2 26	2 27	2 28	2 29	-	
15	18	2 19	2 20	2 21	2 22	2 23	3 25	- 26	1 27	1 28	1 29	-
14	16	3 17	3 18	3 19	3 21	- 22	- 23	1 24	3 26	- 27	1 28	1 29
13	15	1 16	- 17	- 18	- 19	1 20	1 21	2 23	- 24	1 25	3 27	- 28
12	13	3 14	2 15	1 16	1 17	1 18	2 19	2 21	- 22	1 23	3 25	2 27
11	12	1 12	3 13	2 14	2 15	1 16	1 17	2 18	3 20	1 21	2 23	1 25
10	10	2 11	1 11	3 12	3 13	2 14	2 15	2 16	2 18	- 19	1 21	- 22
9	9	- 9	2 10	- 11	- 11	2 12	2 13	2 14	2 15	2 16	3 18	2 20
8	7	2 8	- 8	2 9	1 9	3 10	2 11	1 12	1 13	1 14	2 15	3 17
7	6	- 6	2 7	- 7	1 8	- 8	2 9	1 10	1 11	- 12	- 13	1 14
6	4	3 5	- 5	2 5	3 6	1 6	3 7	1 8	- 8	2 9	2 10	2 11
5	3	2 3	3 4	- 4	1 4	2 5	1 5	2 6	- 6	2 7	1 8	- 8
4	2	2 2	2 2	3 3	- 3	1 3	2 4	- 4	1 4	3 5	- 5	3 6
3	1	2 1	3 1	3 2	- 2	- 2	- 2	1 2	2 2	3 3	- 3	2 4
2	- 3	- 3	3 1	- 1	- 1	- 1	1 1	1 1	2 1	2 1	3 2	- 2
1	- 1	- 1	1 1	- 1	- 1	- 1	1 1	- 1	2 1	2 1	2 1	- 2

The 30 Gallon Cask, whose Bung Diameter dips in Inches, viz:

	26	25	24	23	22	21	20	19	18	17	16	15
26	30	-										
25	29	3 30	-									
24	29	1 29	3 30	-								
23	28	2 29	- 29	3 30	-							
22	27	3 28	1 29	- 29	3 30	-						
21	26	3 27	2 28	1 29	- 29	2 30	-					
20	25	1 26	1 27	1 28	- 29	- 29	2 30	-				
19	24	- 25	- 26	- 27	- 28	- 28	3 29	2 30	-			
18	22	3 23	3 24	3 25	3 26	3 27	3 28	3 29	2 30	-		
17	21	1 22	1 23	1 24	1 25	1 26	2 27	3 28	2 29	2 30	-	
16	19	3 20	3 21	3 22	3 24	- 25	- 26	1 27	2 28	2 29	2 30	-
15	18	1 19	- 20	1 21	1 22	1 23	2 24	2 26	- 27	1 28	1 29	1 30
14	16	2 17	2 18	2 19	2 20	2 21	3 23	- 24	1 25	2 27	- 28	1 29
13	15	- 15	3 16	2 17	2 18	3 20	- 21	- 22	1 23	3 25	- 26	2 28
12	13	2 14	1 15	- 15	3 16	3 18	- 19	- 20	2 21	3 23	- 24	2 26
11	11	3 12	2 13	1 14	- 15	- 15	3 17	- 18	1 19	2 21	- 22	2 24
10	10	1 11	- 11	2 12	1 13	1 14	1 15	- 16	- 17	1 18	2 20	- 21
9	8	3 9	1 9	3 10	2 11	1 12	- 13	- 14	- 15	- 16	- 17	2 19
8	7	1 7	3 8	1 8	3 9	2 10	- 10	3 11	3 12	3 13	3 15	- 16
7	6	- 6	1 6	3 7	- 7	3 8	1 8	3 9	2 10	2 11	2 12	2 13
6	4	2 5	- 5	1 5	2 6	- 6	2 7	- 7	2 8	1 9	- 9	3 10
5	3	1 3	3 3	3 4	- 4	2 5	- 5	3 6	1 6	3 7	2 8	3 9
4	2	1 2	2 2	3 2	3 3	- 3	1 3	2 4	- 4	1 4	3 5	1 5
3	1	2 1	2 1	3 1	3 2	- 2	2 2	- 2	2 2	3 3	3 3	1 3
2	-	3 -	3 -	3 1	- 1	1 1	1 1	1 1	1 1	2 1	2 1	3 2
1	-	1 -	1 -	1 -	1 -	1 -	1 -	2 -	2 -	2 -	2 -	2 -

The $31\frac{1}{2}$ Gallon Cask, whose Bung Diameter dips in Inches, viz.

	26	25	24	23	22	21	20	19	18	17	16	15
26	31	2										
25	31	1 31	2									
24	30	2 31	1 31	2								
23	29	3 30	2 31	1 31	2							
22	29	29	3 30	2 31	1 31	2						
21	28	28	3 29	2 30	1 31	2						
20	26	2 27	2 28	2 29	2 30	1 31	2					
19	25	1 26	1 27	1 28	1 29	1 30	2					
18	24	25	25	3 27	28	29	1 30	2				
17	22	1 23	1 24	2 25	2 26	3 28	29	30	31	2		
16	20	3 21	3 22	3 24	25	26	1 27	2 28	3 30	31	2	
15	19	1 20	21	22	1 23	1 24	2 25	3 27	1 28	2 29	3 30	3 31
14	17	2 18	1 19	1 20	2 21	2 22	3 24	25	2 26	3 28	1 29	2 30
13	15	3 16	2 17	2 18	2 19	2 20	3 22	23	2 25	26	1 28	29
12	14	15	15	3 16	2 17	2 18	3 20	21	1 22	3 24	1 25	3 27
11	12	1 13	1 13	3 14	3 15	3 16	2 17	3 19	20	2 22	23	2 25
10	10	3 11	2 12	12	3 14	15	15	3 16	3 18	19	2 21	23
9	9	1 9	3 10	1 11	11	3 12	3 13	3 14	3 15	3 16	2 18	1 20
8	7	2 8	2 8	2 9	1 9	3 10	2 11	1 12	1 13	2 14	3 15	3 17
7	6	1 6	2 7	7	2 8	3 9	3 10	1 11	1 12	1 13	2 14	3 15
6	4	3 5	1 5	2 5	3 6	1 6	3 7	1 8	1 9	2 10	3 11	1 12
5	3	2 3	3 4	1 4	1 4	3 5	1 5	2 6	1 6	2 7	1 8	2 9
4	2	2 2	3 3	3 3	3	1 3	2 3	3 4	1 4	2 5	1 6	2 7
3	1	2 1	3 2	2	2	1 2	1 2	1 2	2 2	3 3	1 3	2 3
2	1	3	3	1	1	1	1	1	1	2 1	3 2	2
1	1	1	1	1	1	1	1	2	2	2	2	2

The 33-Gallon Cask, whose Bung Diameter dips in Inches, viz.

	26	25	24	23	22	21	20	19	18	17	16	15
26	33	-										
25	32	3 33	-									
24	31	32	3 33	-								
23	30	31	32	3 33	-							
22	29	30	31	32	3 33	-						
21	28	29	30	31	32	2 33	-					
20	27	28	29	30	31	32	2 33	-				
19	26	27	28	29	30	31	2 32	2 33	-			
18	25	26	27	28	29	30	2 31	2 32	2 33	-		
17	24	25	26	27	28	29	1 30	2 31	2 32	2 33	-	
16	23	24	25	26	27	28	1 29	2 30	1 31	1 32	2 33	-
15	22	23	24	25	26	27	1 28	2 29	1 30	1 31	1 32	1 33
14	21	22	23	24	25	26	1 27	2 28	1 29	1 30	1 31	1 32
13	20	21	22	23	24	25	1 26	2 27	1 28	1 29	1 30	1 31
12	19	20	21	22	23	24	1 25	2 26	1 27	1 28	1 29	1 30
11	18	19	20	21	22	23	1 24	2 25	1 26	1 27	1 28	1 29
10	17	18	19	20	21	22	1 23	2 24	1 25	1 26	1 27	1 28
9	16	17	18	19	20	21	1 22	2 23	1 24	1 25	1 26	1 27
8	15	16	17	18	19	20	1 21	2 22	1 23	1 24	1 25	1 26
7	14	15	16	17	18	19	1 20	2 21	1 22	1 23	1 24	1 25
6	13	14	15	16	17	18	1 19	2 20	1 21	1 22	1 23	1 24
5	12	13	14	15	16	17	1 18	2 19	1 20	1 21	1 22	1 23
4	11	12	13	14	15	16	1 17	2 18	1 19	1 20	1 21	1 22
3	10	11	12	13	14	15	1 16	2 17	1 18	1 19	1 20	1 21
2	9	10	11	12	13	14	1 15	2 16	1 17	1 18	1 19	1 20
1	8	9	10	11	12	13	1 14	2 15	1 16	1 17	1 18	1 19

The 34 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	27	26	25	24	23	22	21	20	19	18	17	16
27	34	-										
26	33	3 34	-									
25	33	- 33	3 34	-								
24	32	1 33	- 33	3 34	-							
23	31	2 32	1 33	- 33	3 34	-						
22	30	1 31	1 32	- 33	- 33	3 34	-					
21	29	- 30	- 31	- 32	- 32	3 33	3 34	-				
20	27	- 28	3 29	3 30	3 31	3 32	3 33	2 34	-			
19	26	1 27	1 28	1 29	2 30	2 31	3 32	2 33	2 34	-		
18	24	3 25	3 26	3 28	- 29	1 30	1 31	2 32	2 33	2 34	-	
17	23	- 24	1 25	1 26	2 27	2 28	3 30	- 31	1 32	2 33	2 34	-
16	21	2 22	2 23	2 24	3 26	- 27	- 28	1 29	3 31	- 32	1 33	2 34
15	19	2 20	3 21	3 22	3 24	- 25	1 26	2 27	3 29	1 30	3 32	- 33
14	17	3 18	3 19	3 21	- 22	- 23	1 24	2 26	- 27	2 29	- 30	2 32
13	16	1 17	- 17	3 18	3 20	- 21	- 22	2 23	3 25	1 27	- 28	2 30
12	14	2 15	1 16	1 17	- 18	- 19	- 20	1 21	3 23	- 24	2 26	1 28
11	12	2 13	1 14	1 15	- 16	- 17	- 18	- 19	1 20	3 22	- 23	3 25
10	11	- 11	2 12	1 13	- 13	3 14	3 16	- 17	- 18	- 19	2 21	- 23
9	9	1 9	3 10	2 11	1 11	3 12	3 13	2 14	3 15	3 17	- 18	1 20
8	7	3 8	1 8	3 9	1 10	- 10	2 11	2 12	1 13	1 14	2 15	3 17
7	6	1 6	3 7	- 7	2 8	- 8	3 9	1 10	- 10	3 11	3 13	- 14
6	5	- 5	1 5	3 6	- 6	2 7	- 7	1 8	- 8	2 9	2 10	- 11
5	3	3 3	3 4	1 4	2 4	3 5	1 5	2 6	- 6	2 7	- 7	3 8
4	2	2 2	2 3	- 3	- 3	1 3	2 3	3 4	1 4	2 5	- 5	2 6
3	1	3 1	3 1	3 2	- 2	- 2	1 2	1 2	2 2	3 3	- 3	1 3
2	-	3 -	3 1	- 1	- 1	- 1	1 1	1 1	1 1	2 1	3 1	3 2
1	-	1 -	1 -	1 -	1 -	1 -	1 -	2 -	2 -	2 -	2 -	2 -

The 35 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	27	26	25	24	23	22	21	20	19	18	17	16
27	35	-										
26	34	3 35	-									
25	34	- 34	3 35	-								
24	33	1 34	- 34	3 35	-							
23	32	1 33	- 34	- 34	3 35	-						
22	31	1 32	1 33	- 33	3 34	3 35	-					
21	29	3 31	- 32	- 32	3 33	3 34	2 35	-				
20	28	2 29	2 30	2 31	3 32	3 33	3 34	2 35	-			
19	27	- 28	- 29	- 30	1 31	2 32	2 33	2 34	2 35	-		
18	25	2 26	2 27	3 28	3 30	- 31	1 32	2 33	2 34	2 35	-	
17	23	3 24	3 26	- 27	1 28	1 29	2 31	- 32	1 33	1 34	1 35	-
16	22	- 23	- 24	1 25	1 26	2 27	3 29	1 30	3 32	- 33	1 34	1 35
15	20	1 21	1 22	1 23	2 24	3 26	- 27	1 28	3 30	1 31	3 33	- 34
14	18	1 19	1 20	2 21	2 22	3 24	- 25	1 26	3 28	1 29	3 31	2 33
13	16	3 17	2 18	2 19	2 20	2 21	3 23	- 24	2 26	- 27	3 29	1 31
12	14	3 15	3 16	2 17	2 18	2 19	2 20	3 22	1 23	3 25	1 27	- 28
11	13	- 13	3 14	2 15	1 16	2 17	2 18	2 19	3 21	1 22	3 24	2 26
10	11	1 12	- 12	3 13	2 14	1 15	1 16	2 17	2 18	3 20	- 21	3 23
9	9	2 10	- 10	3 11	2 12	1 13	1 14	- 15	1 16	- 17	2 18	3 20
8	8	- 8	2 9	- 9	2 10	1 11	- 11	3 12	3 13	3 15	- 16	- 17
7	6	2 7	- 7	1 7	3 8	1 9	- 9	3 10	1 11	1 12	1 13	1 14
6	5	- 5	2 5	3 6	1 6	2 7	- 7	2 8	- 8	3 9	3 10	2 11
5	3	3 4	- 4	1 4	2 4	3 5	1 5	3 6	1 6	3 7	1 8	- 8
4	2	2 2	3 3	- 3	- 3	1 3	3 4	- 4	1 4	3 5	1 5	3 6
3	1	3 1	3 2	- 2	- 2	1 2	1 2	2 2	3 3	- 3	1 3	2 3
2	-	3 -	3 1	- 1	- 1	1 1	1 1	1 1	2 1	2 1	3 2	- 2
1	-	1 -	1 -	1 -	1 -	1 -	1 -	1 -	2 -	2 -	2 -	3 -

The 36 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	27	26	25	24	23	22	21	20	19	18	17	16
27	36	-										
26	35	3 36	-									
25	35	- 35	3 36	-								
24	34	1 35	- 35	3 36	-							
23	33	1 34	- 35	- 35	3 36	-						
22	32	1 33	1 34	- 34	3 35	3 36	-					
21	30	3 32	- 33	- 33	3 34	3 35	2 36	-				
20	29	1 30	2 31	2 32	3 33	2 34	3 35	2 36	-			
19	27	3 28	3 29	- 31	1 32	2 33	2 34	2 35	2 36	-		
18	26	1 27	2 28	2 29	2 31	- 32	1 33	1 34	2 35	2 36	-	
17	24	2 25	2 26	3 28	- 29	- 30	2 32	- 33	1 34	1 35	1 36	-
16	22	3 23	3 25	- 26	- 27	1 28	3 30	- 31	2 33	- 34	- 35	1 36
15	20	3 21	3 23	- 24	1 25	2 26	3 28	- 29	2 31	- 32	3 34	- 35
14	19	- 19	3 21	- 22	- 23	2 24	3 26	- 27	2 29	- 30	2 32	2 34
13	17	- 18	- 19	- 20	- 21	1 22	2 23	3 25	1 26	3 28	2 30	- 32
12	15	1 16	1 17	- 18	- 19	- 20	1 21	2 23	- 24	2 26	- 27	3 29
11	13	1 14	1 15	- 15	3 17	- 18	- 19	- 20	1 21	3 23	2 25	1 27
10	11	2 12	1 13	- 13	3 14	3 15	3 16	3 18	- 19	1 20	3 22	1 24
9	9	3 10	1 11	- 11	3 12	2 13	2 14	2 15	2 16	3 18	- 19	1 21
8	8	1 8	2 9	1 9	3 10	2 11	1 12	- 13	- 14	- 15	1 16	2 18
7	6	3 7	1 7	2 8	- 8	2 9	1 10	- 10	2 11	2 12	2 13	2 14
6	5	1 5	2 6	- 6	2 6	3 7	1 7	3 8	1 9	- 9	3 10	3 11
5	3	3 4	- 4	2 4	3 5	- 5	2 6	- 6	2 6	3 7	2 8	- 9
4	2	3 3	3 3	- 3	1 3	2 3	3 4	- 4	1 4	3 5	1 6	- 7
3	1	3 1	3 2	- 2	1 2	1 2	2 2	2 2	3 3	3 3	1 3	2 4
2	-	3 1	- 1	- 1	- 1	1 1	1 1	2 1	2 1	2 1	3 2	- 3
1	-	1 -	1 -	1 -	1 -	1 -	1 -	1 -	2 -	2 -	2 -	3 -

The 37 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	27	26	25	24	23	22	21	20	19	18	17	16
27	37	-	-	-	-	-	-	-	-	-	-	-
26	36	3 37	-	-	-	-	-	-	-	-	-	-
25	36	- 36	3 37	-	-	-	-	-	-	-	-	-
24	35	1 36	- 36	3 37	-	-	-	-	-	-	-	-
23	34	1 35	- 35	3 36	3 37	-	-	-	-	-	-	-
22	33	- 34	- 35	- 35	3 36	3 37	-	-	-	-	-	-
21	31	3 32	3 33	- 34	3 35	- 3 36	2 37	-	-	-	-	-
20	30	- 31	1 32	1 33	2 34	2 35	2 36	2 37	-	-	-	-
19	28	2 29	3 30	3 32	- 33	1 34	2 35	2 36	2 37	-	-	-
18	27	- 28	- 29	1 30	1 31	3 33	- 34	1 35	1 36	2 37	-	-
17	25	- 26	1 27	2 28	3 30	- 31	1 32	3 34	- 35	1 36	1 37	-
16	23	1 24	1 25	2 26	3 28	- 29	2 30	3 32	2 33	3 35	- 36	1 37
15	21	1 22	2 23	2 24	3 26	- 27	1 28	3 30	1 32	- 33	2 35	- 36
14	19	2 20	2 21	2 22	3 24	- 25	1 26	3 28	1 29	3 31	2 33	1 34
13	17	2 18	2 19	2 20	2 21	3 23	- 24	2 26	- 27	2 29	1 30	3 33
12	15	3 16	2 17	2 18	- 2 19	2 20	3 22	- 23	2 25	- 26	3 28	2 30
11	13	3 14	2 15	2 16	1 17	2 18	2 19	2 20	3 22	2 24	- 26	- 27
10	12	- 12	2 13	2 14	- 1 15	- 16	1 17	1 18	2 19	3 21	1 23	- 24
9	10	- 10	3 11	2 12	1 12	3 13	3 14	3 16	- 17	1 18	2 20	- 21
8	8	2 8	3 9	2 10	1 10	3 11	3 12	1 13	1 14	2 15	3 17	- 18
7	6	3 7	1 7	3 8	1 8	3 9	2 10	1 11	- 11	3 12	3 14	- 15
6	5	1 5	3 6	1 6	3 7	- 7	2 8	- 8	2 9	1 10	1 11	- 12
5	4	- 4	- 4	2 5	- 5	- 5	3 6	1 6	3 7	- 7	3 8	1 9
4	2	3 3	- 3	- 3	1 3	2 3	3 4	1 4	2 5	- 5	2 6	- 6
3	1	3 2	- 2	- 2	1 2	- 2	2 3	2 3	3 3	- 3	1 3	3 4
2	1	- 1	- 1	- 1	- 1	- 1	1 2	2 1	2 1	3 1	3 2	- 2
1	-	- 1	- 1	- 1	- 1	- 2	- 2	- 2	- 2	- 2	- 2	- 3

The 38 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	28	27	26	25	24	23	22	21	20	19	18	17
28	38	-										
27	37	3 38	-									
26	37	- 37	3 38	-								
25	36	1 37	- 37	3 38	-							
24	35	1 36	1 37	- 37	3 38	-						
23	34	- 35	- 36	- 36	3 37	2 38	-					
22	32	3 34	- 35	- 35	3 36	3 37	2 38	-				
21	31	1 32	2 33	3 34	3 35	3 36	3 37	2 38	-			
20	29	3 30	3 32	- 33	1 34	2 35	2 36	2 37	2 38	-		
19	28	1 29	1 30	2 31	2 33	- 34	1 35	1 36	2 37	2 38	-	
18	26	2 27	3 28	3 30	- 31	1 32	3 34	- 35	1 36	1 37	2 38	-
17	24	3 25	3 27	- 28	1 29	2 30	3 32	1 33	3 35	- 36	1 37	2 38
16	22	3 24	- 25	- 26	1 27	2 29	- 30	1 31	3 33	1 34	3 36	- 37
15	20	3 21	3 23	- 24	1 25	2 26	3 28	1 29	3 31	- 32	3 34	2 36
14	19	- 20	- 21	- 22	- 23	2 24	3 26	- 27	2 29	- 30	2 32	2 34
13	17	1 18	- 19	- 20	- 21	- 22	1 23	3 25	- 26	3 28	1 30	- 32
12	15	1 16	1 17	- 18	- 19	- 20	- 21	1 22	3 24	1 25	3 27	2 29
11	13	1 14	- 15	- 16	- 17	2 18	3 19	- 20	- 21	2 23	- 24	3 26
10	11	2 12	1 13	- 14	3 15	2 16	3 17	3 19	- 20	1 21	3 23	3 25
9	9	3 10	1 11	- 12	3 13	2 14	1 15	- 16	2 17	2 19	- 20	2 22
8	8	1 8	3 9	- 10	3 11	2 12	- 13	- 14	3 15	3 17	1 19	1 21
7	6	3 7	- 8	2 9	- 10	2 11	- 12	2 13	1 14	- 15	1 17	1 19
6	5	- 6	2 7	3 8	2 9	3 10	- 11	3 12	1 13	3 15	2 17	2 19
5	3	3 4	- 5	1 6	3 7	2 8	- 9	1 10	3 11	1 13	1 15	1 17
4	2	3 3	2 4	- 5	1 6	2 7	3 8	- 9	4 10	1 11	2 13	2 15
3	1	3 2	3 3	- 4	2 5	1 6	2 7	3 8	4 9	2 10	3 11	2 12
2	-	3 1	- 2	1 3	- 4	1 5	2 6	3 7	4 8	3 9	4 10	3 11
1	-	1 -	1 -	1 -	1 -	1 -	1 -	2 -	2 -	2 -	2 -	3 -

The 39 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	28	27	26	25	24	23	22	21	20	19	18	17
28	39	-										
27	38	3 39	-									
26	38	- 38	3 39	-								
25	37	1 38	- 38	3 39	-							
24	36	1 37	- 38	- 38	3 39	-						
23	35	- 36	- 37	- 37	3 38	2 39	-					
22	33	3 34	3 36	- 36	3 37	3 38	2 39	-				
21	32	- 33	1 34	2 35	3 36	3 37	3 38	2 39	-			
20	30	2 31	3 33	- 34	1 35	2 36	2 37	2 38	2 39	-		
19	28	3 30	- 31	1 32	2 33	3 35	- 36	1 37	2 38	2 39	-	
18	27	1 28	1 29	2 30	3 32	- 33	2 35	- 36	1 37	1 38	2 39	-
17	25	1 26	2 27	3 29	- 30	1 31	2 33	- 34	2 36	- 37	1 38	1 39
16	23	2 24	2 25	3 27	- 28	1 29	3 31	- 32	2 34	1 35	3 37	- 38
15	21	2 22	2 23	3 25	- 26	1 27	2 29	- 30	2 32	- 33	3 35	2 37
14	19	2 20	2 21	2 22	3 24	- 25	1 26	3 28	1 29	3 31	2 33	1 35
13	17	2 18	2 19	2 20	2 21	3 23	- 24	1 25	3 27	2 29	- 30	3 32
12	15	2 16	2 17	2 18	2 19	2 20	3 21	3 23	1 25	- 26	2 28	1 30
11	13	2 14	2 15	1 16	1 17	- 18	1 19	2 20	3 22	- 23	3 25	1 27
10	11	3 12	2 13	1 14	- 15	- 15	3 17	- 18	1 19	2 20	3 22	2 24
9	10	- 10	2 11	1 12	- 12	3 13	2 14	2 15	2 17	- 18	- 19	2 21
8	8	1 9	- 9	1 10	- 10	3 11	1 12	1 13	- 14	- 15	1 16	2 17
7	7	- 7	1 7	3 8	1 8	3 9	1 10	- 10	3 11	2 12	1 13	2 14
6	5	1 5	2 6	- 6	2 6	3 7	1 8	- 8	2 9	- 9	3 10	3 11
5	4	- 4	- 4	1 4	3 5	1 5	1 6	- 6	1 7	- 7	2 8	1 8
4	2	3 3	- 3	- 3	1 3	2 3	3 4	- 4	1 4	3 5	1 5	3 6
3	1	3 1	3 2	- 2	1 2	1 2	2 2	2 2	3 3	- 3	1 3	2 3
2	-	3 1	- 1	- 1	- 1	- 1	1 1	1 1	2 1	2 1	3 2	- 2
1	-	1 -	1 -	1 -	1 -	1 -	1 -	2 -	2 -	2 -	3 -	3 -

The 40 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	28	27	26	25	24	23	22	21	20	19	18	17
28	40	-										
27	39	3 40	-									
26	39	- 39	3 40	-								
25	38	- 39	- 39	3 40	-							
24	37	- 38	- 38	3 39	3 40	-						
23	36	- 37	- 37	3 38	3 39	2 40	-					
22	34	3 35	3 36	3 37	3 38	3 39	2 40	-				
21	32	3 34	1 35	2 36	2 37	2 38	2 39	2 40	-			
20	31	1 32	2 33	3 35	- 36	1 37	2 38	2 39	2 40	-		
19	29	2 30	3 32	- 33	1 34	3 36	- 37	1 38	1 39	1 40	-	
18	27	3 29	- 30	1 31	2 32	3 34	2 35	3 37	- 38	1 39	1 40	-
17	26	- 27	1 28	2 29	3 31	- 32	1 33	3 35	2 37	- 38	- 39	1 40
16	24	- 25	1 26	2 27	3 29	- 30	2 31	3 33	2 35	- 36	2 38	- 39
15	22	- 23	- 24	1 25	2 26	3 28	1 29	2 31	1 32	3 34	2 36	1 37
14	20	- 21	- 22	- 23	1 24	2 26	- 27	1 29	- 30	2 32	1 34	- 36
13	18	- 19	- 20	- 21	- 22	1 23	2 25	- 26	2 28	- 29	3 31	3 33
12	16	- 17	- 18	- 19	- 20	- 21	1 22	1 24	- 25	2 27	1 29	- 30
11	14	- 14	3 15	3 16	3 17	2 18	3 20	- 21	1 22	2 24	1 26	- 28
10	12	1 12	3 13	2 14	2 15	1 16	1 17	2 18	2 20	- 21	1 23	- 25
9	10	1 11	- 11	2 12	1 13	1 14	- 15	- 15	3 17	1 18	2 20	- 21
8	8	2 9	1 9	3 10	1 11	- 11	3 12	2 13	2 14	2 15	3 17	- 18
7	7	- 7	2 8	- 8	1 9	- 9	2 10	1 11	- 11	3 12	2 14	- 15
6	5	1 5	3 6	1 6	3 7	1 7	2 8	1 8	3 9	1 10	- 11	- 12
5	4	- 4	1 4	2 4	3 5	1 5	2 6	1 6	2 7	1 7	3 8	1 9
4	2	3 3	- 3	- 3	1 3	2 3	3 4	- 4	2 4	3 5	1 5	3 6
3	1	3 2	- 2	- 2	1 2	1 2	2 2	3 2	3 3	- 3	2 3	2 4
2	-	3 1	- 1	- 1	- 1	1 1	1 1	2 1	2 1	3 1	3 2	- 2
1	-	1 -	1 -	1 -	1 -	1 -	1 -	2 -	2 -	2 -	3 -	3 -

The 41 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	29	28	27	26	25	24	23	22	21	20	19	18
29	41	-										
28	40	3 41	-									
27	40	- 40	3 41	-								
26	39	- 40	- 40	3 41	-							
25	38	- 39	- 39	3 40	3 41	-						
24	37	- 38	- 39	- 39	3 40	2 41	-					
23	35	3 36	3 37	3 38	3 39	3 40	2 41	-				
22	34	- 35	2 36	2 37	3 38	3 39	3 40	2 41	-			
21	32	2 33	3 35	- 36	1 37	2 38	2 39	2 40	2 41	-		
20	30	3 32	- 33	1 34	2 35	3 37	1 38	1 39	2 40	2 41	-	
19	29	- 30	1 31	2 32	3 34	- 35	2 37	- 38	- 39	1 40	1 41	-
18	27	1 28	2 29	3 31	- 32	1 33	2 35	1 36	2 38	- 39	- 40	1 41
17	25	1 26	2 27	3 29	- 30	1 31	3 33	- 34	3 36	1 37	3 39	- 40
16	23	1 24	2 25	3 27	- 28	1 29	3 31	- 32	2 34	3 35	3 37	2 39
15	21	2 22	2 23	3 24	3 26	- 27	2 29	- 30	1 32	- 33	2 35	1 37
14	19	2 20	2 21	2 22	2 23	3 25	1 26	2 28	- 29	2 31	1 33	- 35
13	17	2 18	2 19	2 20	2 21	2 22	3 24	- 25	2 27	- 28	3 30	2 32
12	15	2 16	2 17	1 18	2 19	2 20	2 21	3 23	- 24	2 26	- 27	3 29
11	13	2 14	1 15	1 16	1 17	1 18	- 19	1 20	2 21	3 23	- 25	- 26
10	11	3 12	2 13	1 13	3 15	- 15	3 16	3 18	- 19	1 20	2 21	3 23
9	10	1 10	2 11	1 12	- 12	2 13	2 14	1 15	2 16	2 17	3 19	- 20
8	8	2 8	3 9	2 10	- 10	2 11	1 11	3 12	3 13	3 14	3 16	- 17
7	6	3 7	1 7	2 8	1 8	2 9	1 9	3 10	3 11	1 12	1 13	- 14
6	5	1 5	2 6	- 6	1 6	3 7	1 7	3 8	1 9	- 9	2 10	- 11
5	4	- 4	- 4	1 4	2 5	- 5	2 5	2 6	1 6	3 7	1 8	- 8
4	2	3 3	- 3	- 3	- 3	2 3	3 4	- 4	1 4	2 5	- 5	2 6
3	1	3 2	- 2	- 2	- 2	1 2	2 2	3 3	- 3	- 3	2 2	- 2
2	-	3 -	3 1	- 1	- 1	1 1	1 1	2 1	3 1	3 1	3 2	- 1
1	-	1 -	1 -	1 -	1 -	1 -	1 -	2 -	2 -	2 -	3 -	3 -

The 42 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	29	28	27	26	25	24	23	22	21	20	19	18
29	42	-										
28	41	3 42	-									
27	41	- 41	3 42	-								
26	40	- 41	- 41	3 42	-							
25	39	- 40	- 40	3 41	3 42	-						
24	38	- 39	- 40	- 40	3 41	2 42	-					
23	36	2 37	3 38	3 39	3 40	3 41	2 42	-				
22	34	3 36	1 37	2 38	3 39	3 40	3 41	2 42	-			
21	33	1 34	2 35	3 37	1 38	2 39	2 40	2 41	2 42	-		
20	31	2 33	- 34	- 35	2 36	3 38	- 39	1 40	2 41	1 42	-	
19	29	3 31	- 32	1 33	3 34	3 36	2 37	3 39	- 40	1 41	1 42	-
18	28	- 29	1 30	2 31	3 33	1 34	2 36	- 37	2 39	- 40	- 41	1 42
17	26	- 27	1 28	2 29	3 31	- 32	2 34	- 35	2 37	1 38	3 40	- 41
16	24	- 25	1 26	2 27	3 29	- 30	2 32	- 33	2 35	- 36	3 38	2 40
15	22	- 23	- 24	1 25	2 26	3 28	1 29	3 31	- 32	3 34	2 36	1 38
14	20	- 21	- 22	- 23	1 24	2 26	- 27	1 28	3 30	1 32	- 33	3 35
13	18	- 18	3 20	- 21	- 22	- 23	1 24	3 26	1 27	3 29	2 31	1 33
12	16	- 16	3 17	3 18	3 20	- 21	- 22	1 23	2 25	- 26	3 28	2 30
11	13	3 14	3 15	2 16	2 17	2 18	2 19	3 21	- 22	1 23	3 25	2 27
10	12	- 12	3 13	2 14	1 15	1 16	- 17	- 18	1 19	3 21	- 22	2 24
9	10	1 10	3 11	2 12	1 13	- 13	3 14	2 15	3 16	3 18	- 19	2 21
8	8	3 9	- 9	3 10	1 10	3 11	2 12	1 13	1 14	- 15	- 16	1 17
7	7	- 7	2 7	3 8	1 8	3 9	1 10	- 10	3 11	2 12	2 13	2 14
6	5	1 5	2 6	- 6	2 7	- 7	2 8	- 8	2 9	- 9	3 10	3 11
5	4	- 4	1 4	2 4	2 5	1 5	2 5	3 6	1 7	- 7	2 8	- 8
4	2	3 3	- 3	1 3	1 3	2 3	3 4	- 4	1 4	3 5	1 5	3 6
3	1	3 2	- 2	1 2	1 2	1 2	3 3	- 3	3	- 3	1 3	2 3
2	-	3 1	3 1	- 1	1 1	1 1	1 1	1 1	2 1	3 1	3 1	2 2
1	-	1	1	1	1	1	2	-	2	-	2	3

The 43 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	30	29	28	27	26	25	24	23	22	21	20	19
30	43	-										
29	42	3 43	-									
28	42	- 42	3 43	-								
27	41	- 42	- 42	3 43	-							
26	40	- 41	- 42	- 42	3 43	-						
25	39	- 40	- 41	- 41	3 42	3 43	-					
24	37	3 38	3 39	3 40	3 41	3 42	2 43	-				
23	36	- 37	1 38	3 39	3 40	3 41	3 42	2 43	-			
22	34	2 35	3 37	1 38	2 39	2 40	3 41	2 42	2 43	-		
21	32	3 34	- 35	1 36	3 38	- 39	1 40	2 41	2 42	2 43	-	
20	31	- 32	1 33	3 34	3 36	1 37	3 39	- 40	1 41	2 42	2 43	-
19	29	1 30	2 31	3 33	- 34	2 35	3 37	1 38	3 40	- 41	1 42	1 43
18	27	2 28	3 30	- 31	1 32	3 34	- 35	1 37	- 38	2 39	3 41	- 42
17	25	2 26	3 27	3 29	1 30	2 31	3 33	1 34	3 36	1 38	- 39	2 40
16	23	2 24	2 25	3 27	- 28	1 29	3 31	- 32	3 34	1 35	3 37	3 39
15	21	2 22	2 23	3 24	3 26	- 27	2 28	3 30	1 31	3 33	2 35	1 37
14	19	2 20	2 21	2 22	2 23	3 25	- 26	2 28	- 29	2 31	- 32	3 34
13	17	2 18	2 19	1 20	2 21	2 22	3 24	- 25	1 26	3 28	2 30	- 32
12	15	2 16	1 17	1 18	1 19	1 20	1 21	2 22	3 24	- 25	3 27	2 29
11	13	2 14	- 15	- 16	- 17	- 18	- 18	3 20	1 21	2 22	3 24	1 26
10	11	3 12	1 13	- 13	3 14	2 15	2 16	2 17	2 18	3 20	1 21	2 23
9	10	- 10	2 11	- 11	3 12	2 13	1 14	1 15	- 16	1 17	1 18	3 20
8	8	1 8	3 9	- 10	- 10	1 11	- 11	3 12	2 13	1 14	1 15	2 16
7	6	3 7	1 7	2 8	- 8	2 8	3 9	2 10	1 11	1 11	3 12	3 13
6	5	1 5	2 5	3 6	1 6	2 7	1 7	2 8	- 8	3 9	1 10	- 11
5	4	- 4	- 4	1 4	2 4	3 5	1 5	3 6	- 6	2 7	- 7	3 8
4	2	3 3	- 3	- 3	1 3	1 3	3 4	- 4	1 4	2 4	3 5	1 5
3	1	3 1	3 2	- 2	- 2	1 2	1 2	2 2	3 3	- 3	- 3	1 3
2	-	3 -	3 1	- 1	- 1	1 1	1 1	1 1	2 1	2 1	3 1	3 2
1	-	1 -	1 -	1 -	1 -	1 -	1 -	2 -	2 -	2 -	3 -	3 -

The 44 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	30	29	28	27	26	25	24	23	22	21	20	19
30	44	-										
29	43	3 44	-									
28	43	- 43	3 44	-								
27	42	- 43	- 43	3 44	-							
26	41	- 42	- 43	- 43	3 44	-						
25	40	- 41	- 42	- 42	3 43	3 44	-					
24	38	2 39	3 40	3 41	3 42	3 43	2 44	-				
23	36	3 38	1 39	2 40	3 41	3 42	3 43	2 44	-			
22	35	1 36	2 38	- 39	1 40	2 41	2 42	2 43	2 44	-		
21	33	3 34	3 36	1 37	2 39	- 40	1 41	2 42	2 43	2 44	-	
20	31	3 33	- 34	2 35	3 37	1 38	2 40	- 41	1 42	1 43	2 44	-
19	30	- 31	1 32	2 33	3 35	1 36	2 38	1 39	3 41	- 42	1 43	1 44
18	28	- 29	1 30	3 32	- 33	2 34	3 36	1 37	3 39	1 40	3 42	- 43
17	26	- 27	1 28	2 29	3 31	1 32	2 34	- 35	2 37	1 39	- 40	2 41
16	24	- 25	1 26	1 27	3 29	- 30	2 31	3 33	2 35	- 36	3 38	2 40
15	22	- 23	- 24	1 25	2 26	3 28	- 29	2 31	- 32	2 34	2 36	- 38
14	20	- 21	- 22	- 23	1 24	1 25	3 27	- 28	2 30	- 31	3 33	3 35
13	18	- 18	3 19	3 20	3 22	- 23	1 24	2 26	- 27	2 29	- 30	3 32
12	15	3 16	3 17	2 18	2 19	3 20	3 22	- 23	1 24	3 26	1 28	- 30
11	13	3 14	2 15	1 16	1 17	1 18	1 19	1 20	2 22	- 23	1 25	- 27
10	12	- 12	2 13	1 14	1 15	- 15	3 16	3 18	- 19	1 20	2 22	- 23
9	10	- 10	3 11	1 12	- 12	3 13	2 14	2 15	1 16	2 17	2 19	- 20
8	8	2 9	- 9	1 10	1 10	2 11	1 12	- 12	3 13	3 14	3 15	3 16
7	7	- 7	1 7	3 8	1 8	3 9	- 9	3 10	2 11	1 12	- 13	- 14
6	5	1 5	2 6	- 6	1 6	2 7	1 7	3 8	1 9	- 9	2 10	1 11
5	4	- 4	1 4	2 4	2 5	- 5	2 5	3 6	- 6	3 7	1 7	3 8
4	3	- 3	- 3	1 3	1 3	2 3	3 4	- 4	1 4	2 5	- 5	1 5
3	1	3 2	- 2	- 2	- 2	1 2	2 2	2 2	3 3	- 3	- 3	1 3
2	-	3 1	- 1	- 1	- 1	- 1	1 1	1 1	2 1	2 1	3 1	3 2
1	-	1 -	1 -	1 -	1 -	1 -	1 -	2 -	2 -	2 -	3 -	3 -

The 45 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	30	29	28	27	26	25	24	23	22	21	20	19
30	45	-										
29	44	3 45	-									
28	44	- 44	3 45	-								
27	43	- 44	- 44	3 45	-							
26	42	- 43	- 44	- 44	3 45	-						
25	41	- 41	3 43	- 43	3 44	3 45	-					
24	39	2 40	3 41	3 42	3 43	3 44	2 45	-				
23	37	3 39	- 40	2 41	2 42	2 43	2 44	2 45	-			
22	36	- 37	2 39	- 40	1 41	2 42	2 43	2 44	2 45	-		
21	34	2 35	3 37	- 38	2 39	3 41	1 42	1 43	2 44	2 45	-	
20	32	2 33	3 35	1 36	2 38	- 39	1 41	- 42	- 43	1 44	1 45	-
19	30	3 32	- 33	1 34	3 36	- 37	2 39	- 40	2 41	3 43	- 44	1 45
18	28	3 30	- 31	1 32	3 34	1 35	2 37	- 38	3 40	1 41	3 43	- 44
17	26	3 28	- 29	1 30	2 32	- 33	1 35	- 36	1 38	- 40	- 41	2 42
16	24	2 25	3 27	- 28	1 29	3 31	- 32	3 34	1 35	3 37	2 39	2 41
15	22	2 23	2 24	3 26	- 27	1 28	3 30	1 31	3 33	1 35	1 37	- 39
14	20	2 21	2 22	2 23	3 24	3 26	1 27	3 29	1 30	3 32	2 34	2 36
13	18	1 19	1 20	1 21	1 22	2 23	3 25	- 26	2 28	- 29	3 31	2 33
12	16	- 17	- 18	- 19	- 20	1 21	1 22	2 23	3 25	1 27	- 28	3 30
11	14	- 14	3 15	3 16	3 17	3 18	3 19	3 21	- 22	2 23	3 25	2 27
10	12	1 12	3 13	2 14	2 15	1 16	1 17	1 18	1 19	3 21	- 22	2 24
9	10	1 11	- 11	2 12	1 13	- 13	3 14	3 15	3 16	3 18	- 19	2 20
8	8	3 9	1 9	2 10	1 10	3 11	2 12	1 13	- 14	- 15	- 16	1 17
7	7	1 7	2 8	- 8	1 9	- 9	1 10	- 10	3 11	3 12	1 13	1 14
6	5	2 5	3 6	- 6	2 6	3 7	2 8	- 8	2 9	1 9	3 10	2 11
5	4	- 4	1 4	2 4	3 5	- 5	2 6	- 6	1 6	3 7	2 8	- 8
4	3	- 3	- 3	1 3	2 3	2 3	3 4	- 4	1 4	3 5	- 5	2 6
3	1	3 2	- 2	- 2	1 2	1 2	2 2	2 2	3 3	- 3	1 3	2 3
2	-	3 1	- 1	- 1	1 1	1 1	1 1	1 1	2 1	2 1	3 1	3 2
1	-	1	-	1	-	1	-	2	-	2	-	3

The 46 Gallon Cask, whose Bung Diameter dips in Inches, viz:

	30	29	28	27	26	25	24	23	22	21	20	19
30	46	-										
29	45	3 46	-									
28	45	- 45	3 46	-								
27	44	- 45	- 45	3 46	-							
26	42	3 43	3 44	3 45	2 46	-						
25	41	3 42	3 43	3 44	3 45	2 46	-					
24	40	1 41	2 42	3 43	3 44	3 45	2 46	-				
23	38	2 40	- 41	1 42	2 43	2 44	2 45	2 46	-			
22	37	- 38	1 39	3 41	- 42	1 43	1 44	2 45	2 46	-		
21	35	1 36	2 37	3 39	1 40	3 42	- 43	1 44	1 45	2 46	-	
20	33	1 34	2 36	- 37	1 38	3 40	1 41	3 43	- 44	1 45	1 46	-
19	31	1 32	3 34	- 35	2 36	3 38	1 39	3 41	2 42	3 44	- 45	1 46
18	29	1 30	2 32	- 33	2 35	- 36	1 37	3 39	2 41	- 42	2 44	- 45
17	27	1 28	2 29	3 31	1 32	3 34	- 35	3 37	1 38	3 40	3 42	1 43
16	25	- 26	1 27	2 29	- 30	1 31	3 33	1 35	- 36	2 38	1 40	1 42
15	23	- 24	- 25	1 26	2 28	- 29	1 30	3 32	2 34	- 36	- 37	3 39
14	21	- 22	- 23	- 24	1 25	2 26	3 28	1 29	3 31	2 33	1 35	1 37
13	18	2 19	3 20	3 21	3 23	- 24	1 25	2 27	- 28	3 30	1 32	1 34
12	16	2 17	1 18	1 19	2 20	2 21	3 23	- 24	1 25	3 27	2 29	1 31
11	14	2 15	1 16	- 17	- 18	- 19	1 20	1 21	2 23	- 24	1 26	- 28
10	12	2 13	1 14	- 14	3 15	3 16	3 17	3 18	3 20	1 21	2 23	- 24
9	10	2 11	1 11	3 12	2 13	1 14	- 15	1 16	- 17	1 18	2 20	- 21
8	8	3 9	2 9	3 10	2 11	- 11	3 12	2 13	2 14	2 15	2 16	2 17
7	7	1 7	3 8	1 8	2 9	1 9	2 10	1 11	- 12	- 12	2 13	2 14
6	5	2 6	- 6	1 6	3 7	- 7	3 8	1 8	3 9	1 10	- 10	2 11
5	4	- 4	1 4	2 4	3 5	1 5	3 6	- 6	1 7	- 7	2 8	- 8
4	3	- 3	1 3	1 3	2 3	2 3	3 4	1 4	2 4	3 5	1 5	2 6
3	2	- 2	- 2	- 2	1 2	1 2	2 2	2 3	- 3	1 3	1 3	2 3
2	-	3 1	- 1	- 1	1 1	1 1	1 1	2 1	2 1	2 2	- 2	- 2
1	-	1 -	1 -	1 -	1 -	1 -	2 -	2 -	2 -	3 -	3 -	3 -

The 47 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	30	29	28	27	26	25	24	23	22	21	20	19
30	47	-										
29	46	3 47	-									
28	46	- 46	3 47	-								
27	44	3 45	3 46	3 47	-							
26	43	3 44	3 45	3 46	2 47	-						
25	42	3 43	3 44	3 45	3 46	2 47	-					
24	41	1 42	2 43	2 44	3 45	2 46	2 47	-				
23	39	1 40	3 42	1 43	1 44	2 45	2 46	2 47	-			
22	37	3 39	- 40	2 42	- 43	1 44	1 45	2 46	2 47	-		
21	35	3 37	1 38	2 40	- 41	3 43	- 44	1 45	1 46	2 47	-	
20	34	- 35	1 36	3 38	- 39	2 41	1 42	3 43	3 45	- 46	1 47	-
19	32	- 33	1 34	3 36	1 37	3 39	- 40	3 42	1 43	3 45	- 46	1 47
18	30	- 31	1 32	3 34	- 35	3 37	- 38	2 40	2 42	- 43	2 45	- 46
17	27	3 29	1 30	2 31	3 33	1 34	3 36	2 38	- 39	3 41	2 43	1 44
16	25	2 26	3 28	1 29	2 31	- 32	2 34	- 35	3 37	2 39	1 41	- 43
15	23	2 24	2 25	3 27	- 28	2 30	- 31	2 33	- 34	3 36	3 38	2 40
14	21	2 22	2 23	2 24	3 26	- 27	1 28	3 30	2 32	- 34	- 36	- 37
13	19	- 20	1 21	1 22	1 23	2 24	3 26	- 27	3 29	1 31	- 33	- 35
12	16	3 17	3 18	3 20	- 21	- 22	1 23	2 24	3 26	1 28	- 30	- 31
11	14	3 15	2 16	1 17	2 18	2 19	3 20	3 22	- 23	2 24	3 26	2 28
10	12	3 13	2 14	1 15	1 16	- 17	- 18	1 19	- 20	2 22	- 23	2 25
9	11	- 11	2 12	1 13	- 13	3 14	1 15	2 16	2 17	3 18	3 20	2 21
8	9	- 9	3 10	- 10	3 11	1 12	- 12	3 13	3 14	3 16	- 17	- 17
7	7	2 8	- 8	1 8	3 9	1 9	3 10	2 11	1 12	1 13	- 14	- 15
6	5	3 6	1 6	2 6	3 7	1 8	- 8	2 9	- 9	2 10	1 11	- 11
5	4	1 4	2 4	3 5	- 5	1 5	3 6	1 6	2 7	1 7	3 8	1 9
4	3	1 3	1 3	1 3	2 3	3 4	- 4	1 4	2 5	1 5	3 5	3 6
3	2	- 2	1 2	1 2	1 2	2 2	2 2	3 3	1 3	1 3	2 3	3 3
2	-	3 1	- 1	- 1	1 1	1 1	2 1	2 1	3 1	3 1	2 1	2 1
1	-	1	- 1	- 1	1	- 1	2	- 2	2	- 2	3	- 3

The 48 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	30	29	28	27	26	25	24	23	22	21	20	19
30	48	-										
29	47	3 48	-									
28	47	- 47	3 48	-								
27	45	3 46	3 47	3 48	-							
26	44	3 45	3 46	3 47	2 48	-						
25	43	2 44	2 45	3 46	3 47	2 48	-					
24	42	- 43	1 44	2 45	2 46	3 47	2 48	-				
23	40	1 41	3 43	- 44	1 45	2 46	2 47	2 48	-			
22	38	2 39	3 41	2 42	3 44	1 45	1 46	2 47	2 48	-		
21	36	3 38	- 39	1 41	- 42	2 43	3 45	- 46	1 47	2 48	-	
20	34	3 36	- 37	3 38	3 40	2 42	- 43	2 44	3 46	1 47	1 48	-
19	32	3 34	- 35	2 37	- 38	2 39	3 41	2 43	1 44	2 46	- 47	1 48
18	30	2 32	- 33	2 34	3 36	2 38	- 39	1 41	1 43	- 44	2 46	- 47
17	28	1 29	3 31	- 32	2 34	- 35	2 37	1 38	3 40	2 42	2 44	1 45
16	26	1 27	1 28	3 30	1 31	3 33	1 34	3 36	2 38	1 40	- 42	- 43
15	24	- 25	- 26	1 27	3 29	- 30	2 32	1 33	3 35	2 37	2 39	1 41
14	22	- 23	- 24	- 25	1 26	2 28	- 29	2 31	- 32	3 34	3 36	3 38
13	19	2 20	2 21	2 22	3 24	- 25	1 26	3 28	1 29	3 31	3 33	3 35
12	17	1 18	1 19	1 20	1 21	2 22	3 24	- 25	2 26	3 28	3 30	2 32
11	15	- 15	3 16	3 17	3 19	- 20	- 21	- 22	2 24	- 25	2 27	- 29
10	13	- 13	3 14	2 15	2 16	1 17	2 18	2 19	2 21	- 22	2 24	- 25
9	11	1 11	3 12	2 13	1 14	- 14	2 15	3 16	3 18	- 19	1 20	3 22
8	9	1 10	- 10	1 11	- 11	2 12	1 13	1 14	- 15	- 16	1 17	1 18
7	7	2 8	- 8	2 9	- 9	2 10	- 10	3 11	2 12	2 13	1 14	1 15
6	5	3 6	1 6	2 7	- 7	2 8	1 8	2 9	1 9	3 10	2 11	1 12
5	4	1 4	2 4	3 5	- 5	2 5	3 6	1 6	2 7	1 8	- 8	2 9
4	3	1 3	1 3	2 3	3 3	3 4	- 4	1 4	3 5	- 5	1 5	3 6
3	2	- 2	- 2	1 2	1 2	2 2	3 2	3 3	- 3	1 3	2 3	3 4
2	- 3	1 1	- 1	- 1	1 1	1 1	2 1	2 1	3 1	3 2	- 2	- 2
1	- 1	- 1	- 1	- 1	- 1	- 1	2	2	- 2	- 2	3	- 3

The 49 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	30	29	28	27	26	25	24	23	22	21	20	19
30	49	-										
29	48	3 49	-									
28	47	3 48	3 49	-								
27	46	3 47	3 48	3 49	-							
26	45	2 46	3 47	3 48	2 49	-						
25	44	2 45	2 46	3 47	3 48	2 49	-					
24	43	- 44	1 45	2 46	2 47	3 48	2 49	-				
23	41	- 42	2 44	- 45	1 46	1 47	2 48	2 49	-			
22	39	1 40	3 42	1 43	3 45	- 46	1 47	2 48	2 49	-		
21	37	2 38	3 40	1 41	3 43	2 44	3 46	- 47	1 48	2 49	-	
20	35	2 36	3 38	2 39	3 41	2 42	3 44	2 45	3 47	- 48	1 49	-
19	33	1 34	3 36	1 37	3 39	1 40	3 42	2 44	- 45	2 47	- 48	1 49
18	31	1 32	3 34	- 35	2 37	1 38	3 40	1 42	- 43	3 45	2 47	- 48
17	29	- 30	1 31	3 33	1 34	3 36	1 38	- 39	2 41	2 43	1 45	- 46
16	26	3 28	- 29	1 30	3 32	1 33	3 35	2 37	1 39	- 41	- 43	- 44
15	24	2 25	3 27	- 28	1 29	3 31	1 32	3 34	2 36	1 38	1 40	- 42
14	22	1 23	1 24	2 25	3 27	1 28	2 30	- 31	3 33	2 35	2 37	2 39
13	19	3 21	- 22	- 23	1 24	2 25	3 27	1 29	- 30	2 32	1 34	1 36
12	17	2 18	2 19	3 20	3 21	3 23	1 24	2 26	- 27	2 29	1 31	1 33
11	15	2 16	- 17	1 18	1 19	1 20	2 21	3 23	- 24	2 26	- 27	3 30
10	13	1 14	- 14	3 15	3 16	3 17	3 19	- 20	- 21	2 23	- 24	2 26
9	11	2 12	- 12	3 13	2 14	1 15	- 16	1 17	- 18	2 19	3 21	1 22
8	9	2 10	1 10	2 11	1 11	3 12	2 13	2 14	1 15	2 16	2 17	3 18
7	7	3 8	1 8	3 9	1 9	3 10	1 11	- 11	3 12	3 13	2 14	2 15
6	6	- 6	2 6	3 7	- 7	2 8	1 8	3 9	1 10	- 10	3 11	2 12
5	4	2 4	2 5	- 5	1 5	2 6	- 6	2 6	3 7	2 8	- 8	3 9
4	3	1 3	2 3	2 3	3 3	3 4	1 4	2 4	3 5	1 5	2 6	- 6
3	2	- 2	- 2	1 2	1 2	2 2	3 2	3 3	- 3	2 3	2 3	3 4
2	-	3 1	- 1	1 1	1 1	1 1	2 1	2 1	3 1	3 2	- 2	- 2
1	-	1	-	1	-	1	-	2	-	2	-	3

The 50 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	30	29	28	27	26	25	24	23	22	21	20	19
30	50	-										
29	49	3 50	-									
28	48	3 49	3 50	-								
27	47	3 48	3 49	3 50	-							
26	46	2 47	3 48	3 49	2 50	-						
25	45	1 46	2 47	3 48	3 49	2 50	-					
24	43	3 45	1 46	1 47	2 48	2 49	2 50	-				
23	42	- 43	2 45	- 46	1 47	1 48	2 49	2 50	-			
22	40	- 41	2 43	1 44	3 46	- 47	1 48	2 49	2 50	-		
21	38	1 39	2 41	- 42	3 44	1 45	3 47	- 48	1 49	2 50	-	
20	36	1 37	2 39	1 40	2 42	1 43	3 45	1 46	3 48	- 49	1 50	-
19	34	- 35	2 37	- 38	2 40	- 41	2 43	1 45	- 46	2 48	- 49	1 50
18	31	3 33	1 34	3 36	1 38	- 39	2 41	- 43	- 44	3 46	2 47	3 49
17	29	2 31	- 32	2 33	3 35	2 37	- 38	3 40	2 42	1 44	- 46	- 47
16	27	1 28	2 30	- 31	2 33	- 34	2 36	1 38	- 39	3 41	3 43	3 45
15	25	- 26	1 27	2 28	3 30	1 31	3 33	2 35	1 37	- 39	- 41	- 43
14	22	3 23	3 25	- 26	1 27	3 29	- 30	3 32	2 34	1 36	- 38	1 40
13	20	1 21	2 22	2 23	3 25	- 26	2 27	3 29	2 31	- 33	- 35	- 37
12	18	- 19	- 20	- 21	1 22	1 23	2 25	- 26	2 28	- 30	- 32	- 34
11	15	3 16	2 17	2 18	2 19	3 21	- 22	- 23	2 25	- 26	2 28	1 30
10	13	2 14	1 15	1 16	- 17	- 18	1 19	1 20	2 22	- 23	2 25	- 26
9	11	3 12	1 13	- 13	3 14	2 15	1 16	2 17	2 18	3 20	- 21	3 23
8	9	3 10	1 10	3 11	2 12	- 13	- 13	3 14	2 15	3 17	- 18	- 19
7	7	3 8	1 8	3 9	1 10	- 10	2 11	1 12	- 13	- 14	- 14	3 16
6	6	- 6	2 6	3 7	1 7	3 8	2 8	3 9	2 10	1 11	- 11	3 12
5	4	2 4	3 5	- 5	1 5	2 6	- 6	2 7	- 7	3 8	1 9	- 9
4	3	2 3	2 3	3 3	3 4	- 4	1 4	2 5	- 5	1 5	3 6	1 6
3	2	- 2	- 2	1 2	2 2	2 2	3 3	- 3	1 3	2 3	2 3	3 4
2	1	- 1	1 1	1 1	1 1	1 1	2 1	2 1	3 1	3 2	- 2	1 2
1	-	1	-	1	-	1	-	2	-	2	-	3

The 51 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	30	29	28	27	26	25	24	23	22	21	20	19
30	51	-										
29	50	3 51	-									
28	49	3 50	3 51	-								
27	48	3 49	3 50	3 51	-							
26	47	2 48	3 49	3 50	2 51	-						
25	46	1 47	2 48	2 49	2 50	2 51	-					
24	44	2 46	- 47	1 48	2 49	2 50	2 51	-				
23	42	3 44	1 45	3 47	- 48	1 49	2 50	2 51	-			
22	41	- 42	1 44	- 45	2 47	- 48	1 49	1 50	2 51	-		
21	38	3 40	2 41	3 43	2 45	1 46	2 47	3 49	- 50	2 51	-	
20	36	3 38	1 40	- 41	2 43	- 44	2 46	1 47	2 49	- 50	1 51	-
19	34	3 36	1 37	3 39	1 40	3 42	1 44	1 46	- 47	2 48	3 50	1 51
18	32	1 34	- 35	2 37	- 38	3 40	1 41	3 43	3 45	2 47	1 48	3 50
17	30	- 31	2 33	- 34	2 36	1 37	3 39	2 41	1 43	- 45	- 47	- 48
16	27	3 29	- 30	2 32	- 33	2 35	1 37	- 38	3 40	2 42	2 44	2 46
15	25	2 26	3 28	- 29	1 30	3 32	2 34	- 36	- 37	3 39	3 41	3 44
14	23	1 24	1 25	2 26	3 28	1 29	2 31	1 33	- 35	- 36	3 39	- 41
13	20	2 22	- 23	- 24	1 25	2 27	- 28	1 30	- 31	3 33	2 35	3 38
12	18	2 19	1 20	2 21	3 22	3 24	- 25	2 27	- 28	2 30	2 32	2 34
11	16	- 16	3 18	- 19	- 20	1 21	2 22	2 24	- 25	2 27	- 28	3 31
10	14	- 14	2 15	2 16	1 17	1 18	2 19	3 21	- 22	2 24	- 25	2 27
9	12	- 12	2 13	1 14	- 14	3 15	2 16	3 17	3 19	1 20	2 22	- 23
8	9	3 10	2 11	- 11	3 12	1 13	1 14	- 14	3 16	- 17	1 18	2 19
7	8	- 8	2 9	- 9	2 10	1 10	2 11	2 12	1 13	1 14	1 15	- 16
6	6	1 6	2 7	- 7	1 8	- 8	2 9	- 9	3 10	1 11	1 12	- 12
5	4	2 5	- 5	- 5	1 5	3 6	1 6	3 7	- 7	3 8	2 9	1 9
4	3	2 3	2 3	3 4	- 4	- 4	1 4	3 5	1 5	2 5	3 6	1 6
3	2	1 2	1 2	1 2	2 2	3 2	3 3	- 3	1 3	2 3	2 4	- 4
2	1	- 1	1 1	1 1	1 1	1 1	2 1	2 1	3 2	- 2	- 2	1 2
1	-	1	- 1	1	- 2	- 2	- 2	- 2	- 2	- 2	3	- 3

The 52 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	30	29	28	27	26	25	24	23	22	21	20	19
30	52	-										
29	51	3 52	-									
28	50	3 51	3 52	-								
27	49	3 50	3 51	3 52	-							
26	48	1 49	2 50	3 51	2 52	-						
25	47	1 48	1 49	2 50	2 51	2 52	-					
24	45	2 47	- 48	1 49	1 50	2 51	2 52	-				
23	43	2 45	- 46	3 48	- 49	1 50	2 51	2 52	-			
22	41	3 43	1 44	3 46	2 47	3 49	- 50	1 51	2 52	-		
21	39	3 41	1 42	2 44	1 46	- 47	2 48	3 50	- 51	1 52	-	
20	37	2 39	- 40	3 42	1 43	3 45	2 47	1 48	2 50	- 51	1 52	-
19	35	1 36	3 38	2 40	- 41	2 43	- 45	- 46	3 48	1 49	3 51	1 52
18	33	- 34	2 36	1 37	3 39	1 41	- 42	2 44	3 46	2 48	1 49	3 51
17	30	3 32	1 33	3 35	1 37	- 38	2 40	1 42	- 44	- 46	- 48	- 49
16	28	1 29	2 31	- 32	3 34	1 35	3 37	2 39	2 41	1 43	1 45	2 47
15	26	- 27	1 28	2 29	3 31	2 33	- 34	3 36	3 38	2 40	2 42	2 45
14	23	3 24	3 26	- 27	1 28	3 30	1 32	- 33	3 35	2 37	2 39	3 41
13	21	- 22	1 23	2 24	3 26	- 27	2 28	3 30	2 32	2 34	1 36	2 38
12	18	3 19	3 20	3 22	1 23	1 24	2 26	- 27	2 29	- 31	- 33	- 35
11	16	2 17	1 18	1 19	1 20	2 21	3 23	- 24	2 26	- 27	2 29	1 31
10	14	1 15	- 15	3 16	2 17	3 19	- 20	- 21	1 22	3 24	2 26	- 27
9	12	- 12	3 13	2 14	1 15	- 16	- 17	1 18	- 19	2 21	- 22	2 24
8	10	- 10	3 11	1 12	- 12	2 13	2 14	1 15	- 16	2 17	2 18	3 19
7	8	1 8	3 9	1 9	3 10	2 10	3 11	3 12	2 13	2 14	2 15	1 16
6	6	1 6	3 7	1 7	2 8	1 8	3 9	1 10	- 10	2 11	1 12	1 13
5	4	3 5	- 5	1 5	2 5	3 6	2 7	- 7	1 8	- 8	3 9	2 9
4	3	2 3	2 3	3 4	- 4	4	2 4	3 5	- 5	2 6	- 6	2 6
3	2	1 2	1 2	2 2	2 2	3 3	- 3	- 3	1 3	3 3	3 4	- 4
2	1	- 1	1 1	1 1	1 1	1 1	2 1	2 1	3 2	- 2	- 2	1 2
1	-	1	- 1	1	- 1	2	- 2	2	- 2	3	- 3	- 3

The 53 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	30	29	28	27	26	25	24	23	22	21	20	19
30	53	-										
29	52	3 53	-									
28	51	3 52	3 53	-								
27	50	3 51	3 52	3 53	-							
26	49	1 50	2 51	3 52	2 53	-						
25	48	- 49	1 50	2 51	2 52	2 53	-					
24	46	1 47	3 49	- 50	1 51	2 52	2 53	-				
23	44	1 46	- 47	3 49	- 50	- 51	2 52	2 53	-			
22	42	2 44	- 45	3 47	1 48	3 50	- 51	1 52	2 53	-		
21	40	2 41	3 43	2 45	1 47	- 48	2 49	3 51	- 52	1 53	-	
20	38	1 39	3 41	2 43	- 44	3 46	1 48	- 49	2 51	- 52	1 53	-
19	36	- 37	2 39	- 40	3 42	2 44	- 46	- 47	3 49	1 50	3 52	1 53
18	33	3 35	1 37	- 38	2 40	1 41	3 43	2 45	2 47	1 49	- 50	3 52
17	31	1 32	3 34	1 35	3 37	2 39	1 41	- 42	3 44	3 47	- 48	3 50
16	28	3 30	1 31	3 33	1 35	- 36	2 38	1 40	1 42	- 44	- 46	2 48
15	26	2 27	3 29	- 30	2 32	- 33	3 35	2 37	1 39	- 41	2 43	1 46
14	24	- 25	1 26	2 27	3 29	1 30	3 32	2 34	2 36	1 38	1 40	2 42
13	21	2 22	3 23	3 25	1 26	2 28	- 29	2 31	1 33	- 35	- 37	- 39
12	19	- 20	1 21	1 22	2 23	3 25	- 26	2 28	- 29	2 31	2 33	3 36
11	16	3 17	2 18	3 19	3 21	- 22	1 23	2 25	- 26	2 28	- 30	- 32
10	14	2 15	1 16	- 17	- 18	- 19	1 20	1 21	3 23	1 24	3 26	2 28
9	12	1 13	- 13	3 14	2 15	1 16	1 17	2 18	2 20	- 21	1 23	- 24
8	10	1 11	- 11	2 12	1 12	3 13	3 14	2 15	2 16	3 18	- 19	1 20
7	8	2 9	- 9	2 9	3 10	2 11	- 11	3 12	3 13	3 14	3 15	3 17
6	6	2 7	- 7	1 7	2 8	1 8	3 9	2 10	1 10	3 11	2 12	2 13
5	4	3 5	- 5	1 5	2 6	- 6	2 7	- 7	1 8	- 8	3 9	2 10
4	3	2 3	2 4	- 4	- 4	1 4	2 4	3 5	1 5	2 6	- 6	2 7
3	2	1 2	1 2	2 2	3 2	3 3	- 3	3 1	3 3	3 3	3 4	2 4
2	1	- 1	1 1	1 1	1 1	1 1	2 1	2 1	3 2	- 2	1 2	1 2
1	-	1	- 1	1	- 1	- 1	- 1	2	- 2	- 2	3	- 3

The 54 Gallon Calk, whose Bung Diameter dips in Inches, viz.

	30	29	28	27	26	25	24	23	22	21	20	19
30	54	-										
29	53	3 54	-									
28	52	3 53	3 54	-								
27	51	2 52	3 53	3 54	-							
26	50	1 51	2 52	3 53	2 54	-						
25	49	- 50	1 51	2 52	2 53	2 54	-					
24	47	1 48	3 50	- 51	1 52	2 53	2 54	-				
23	45	1 47	- 48	2 49	3 51	- 52	1 53	2 54	-			
22	43	1 44	3 46	3 48	1 49	3 51	- 52	1 53	2 54	-		
21	41	1 42	2 44	1 46	- 47	3 49	1 50	3 52	- 53	2 54	-	
20	39	- 40	2 42	1 43	3 45	2 47	1 49	- 50	2 52	- 53	1 54	-
19	36	3 38	1 39	3 41	2 43	1 44	3 46	3 48	3 50	- 51	3 53	1 54
18	34	2 36	- 37	2 39	1 41	- 42	2 44	1 46	2 48	1 50	- 51	3 53
17	32	- 33	2 35	- 36	2 38	1 40	- 41	3 43	3 45	3 47	3 49	3 51
16	29	1 30	3 32	1 34	- 35	2 37	1 39	- 41	- 43	- 45	- 47	1 49
15	27	- 28	1 29	2 31	- 32	3 34	2 36	1 38	- 40	- 42	1 44	- 46
14	24	2 25	3 27	- 28	2 29	3 31	2 33	- 35	- 37	- 39	- 41	1 43
13	22	- 23	1 24	1 25	2 27	- 28	2 30	- 31	3 33	2 35	3 37	3 40
12	19	1 20	2 21	2 23	- 24	1 25	2 27	- 28	2 30	1 32	1 34	2 36
11	17	- 17	3 19	- 20	- 21	1 22	2 23	3 25	2 27	- 28	2 30	2 33
10	14	3 15	2 16	1 17	1 18	2 19	2 20	3 22	- 23	3 25	1 27	- 29
9	12	2 13	1 14	- 14	3 15	3 16	2 17	3 18	3 20	1 21	3 23	2 25
8	10	2 11	1 11	3 12	2 13	- 14	- 14	3 15	3 17	- 18	1 19	2 20
7	8	2 9	1 9	3 10	- 10	3 11	1 12	- 12	3 14	- 15	- 16	- 17
6	6	2 7	- 7	1 7	3 8	2 9	- 9	3 10	1 11	- 11	3 12	3 13
5	5	- 5	1 5	2 5	3 6	- 6	3 7	1 7	2 8	1 9	- 9	3 10
4	3	3 3	3 4	- 4	- 4	1 4	3 4	3 5	1 5	3 6	1 6	3 7
3	2	1 2	2 2	2 2	3 2	3 3	- 3	1 3	2 3	3 4	- 4	- 4
2	1	- 1	1 1	1 1	2 1	2 1	2 1	2 1	3 2	- 2	1 2	1 2
1	-	1	- 1	- 1	2	- 2	- 2	- 2	- 2	- 2	3	- 3

The 55 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	30	29	28	27	26	25	24	23	22	21	20	19
30	55	-										
29	54	3 55	-									
28	53	3 54	3 55	-								
27	52	2 53	3 54	2 55	-							
26	51	1 52	2 53	3 54	2 55	-						
25	50	- 51	1 52	2 53	2 54	2 55	-					
24	48	1 49	3 51	- 52	1 53	2 54	2 55	-				
23	46	- 47	3 49	2 50	3 52	- 53	1 54	2 55	-			
22	44	- 45	2 47	2 49	- 50	2 52	- 53	1 54	2 55	-		
21	42	- 43	1 45	- 47	- 48	3 50	1 51	3 53	- 54	1 55	-	
20	39	3 41	1 43	- 44	2 46	2 48	- 50	- 51	2 53	- 54	1 55	-
19	37	2 39	- 40	3 42	1 44	- 45	3 47	3 49	2 51	- 52	3 54	1 55
18	35	- 36	2 38	1 40	- 41	3 43	2 45	- 47	1 49	- 51	- 52	2 54
17	32	2 34	- 35	3 37	1 39	- 40	3 42	2 44	2 46	2 48	3 50	2 52
16	29	3 31	1 33	- 34	2 36	1 38	- 39	3 41	3 43	3 45	3 48	1 50
15	27	2 28	3 30	1 31	3 33	1 35	- 36	3 38	3 40	3 43	- 45	- 47
14	25	- 26	1 27	2 29	- 30	1 32	- 33	3 35	3 37	2 39	3 42	- 44
13	22	2 23	3 24	3 26	- 27	2 29	- 30	2 32	2 34	1 36	1 38	2 41
12	19	3 21	- 22	- 23	1 24	3 26	- 27	2 29	- 30	3 32	3 35	- 37
11	17	1 18	1 19	1 20	2 21	3 23	- 24	2 25	3 27	2 29	- 31	- 33
10	15	- 15	3 16	2 17	2 18	3 20	- 21	1 22	2 24	1 25	3 27	2 29
9	12	3 13	2 14	1 15	- 16	- 17	- 18	1 19	1 20	3 22	- 24	- 25
8	10	3 11	2 12	- 12	3 13	1 14	1 15	1 16	- 17	1 18	2 20	- 21
7	8	3 9	1 9	3 10	1 11	- 11	2 12	1 13	1 14	1 15	1 16	1 17
6	6	3 7	1 7	2 8	- 8	2 9	1 9	3 10	2 11	1 12	- 13	- 13
5	5	- 5	1 5	2 5	3 6	1 6	3 7	1 7	3 8	2 9	- 10	- 10
4	3	3 3	3 4	- 4	1 4	1 4	3 5	- 5	1 5	3 6	1 6	3 7
3	2	1 2	2 2	2 2	3 2	3 3	- 3	1 3	2 3	3 4	- 4	1 4
2	1	- 1	1 1	1 1	2 1	2 1	2 1	3 1	3 2	- 2	1 2	1 2
1	-	1	-	1	-	2	-	2	-	2	-	3

The 57 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	30	29	28	27	26	25	24	23	22	21	20	19
30	57	-										
29	56	3 57	-									
28	55	3 56	2 57	-								
27	54	2 55	3 56	2 57	-							
26	53	- 54	2 55	3 56	2 57	-						
25	51	3 53	1 54	2 55	2 56	2 57	-					
24	50	- 51	2 52	3 54	1 55	2 56	2 57	-				
23	47	3 49	2 51	1 52	3 54	- 55	1 56	2 57	-			
22	45	3 47	1 49	1 51	- 52	2 53	3 55	1 56	2 57	-		
21	43	2 45	- 46	3 48	3 50	2 52	- 53	2 55	- 56	1 57	-	
20	41	1 42	3 44	2 46	1 48	- 49	3 51	3 53	1 54	3 56	1 57	-
19	38	3 40	2 42	- 43	3 45	2 47	1 49	2 51	2 53	- 54	3 56	1 57
18	36	1 38	- 39	3 41	2 43	1 45	- 46	3 49	- 51	- 53	- 54	2 56
17	33	3 35	1 37	- 38	3 40	2 42	1 44	1 46	- 47	1 50	2 52	2 54
16	31	- 32	2 34	1 35	3 37	2 39	1 41	1 43	1 45	1 47	2 50	- 52
15	28	2 29	3 31	1 32	3 34	2 36	1 38	1 40	1 42	- 44	2 46	3 49
14	26	- 27	1 28	2 30	- 31	2 33	- 35	- 37	- 39	- 41	1 43	2 46
13	23	1 24	2 25	3 27	- 28	2 30	- 31	3 33	2 35	2 37	3 40	- 42
12	20	2 21	3 22	3 24	1 25	2 27	- 28	2 30	- 32	- 34	- 36	1 38
11	18	- 18	3 20	- 21	1 22	2 24	- 25	1 26	2 28	2 30	- 32	1 34
10	15	2 16	1 17	1 18	1 19	2 20	3 22	- 23	1 25	- 26	3 28	2 30
9	13	1 14	- 14	3 15	2 16	2 17	3 18	3 20	- 21	2 22	3 24	3 26
8	11	- 11	3 12	2 13	1 13	3 14	3 15	3 16	3 18	- 19	1 20	2 21
7	9	- 9	2 10	1 10	2 11	1 12	- 12	3 13	3 14	3 15	3 17	- 18
6	7	- 7	2 7	3 8	1 9	- 9	2 10	- 10	3 11	3 12	2 13	1 14
5	5	1 5	2 5	3 6	- 6	2 7	- 7	2 8	- 8	3 9	2 10	1 10
4	3	3 3	3 4	1 4	1 4	2 4	3 5	2 5	2 6	- 6	2 7	- 7
3	2	1 2	2 2	2 2	3 3	- 3	1 3	1 3	2 4	- 4	- 4	1 4
2	1	- 1	1 1	1 1	2 1	2 1	2 1	3 1	3 2	- 2	1 2	2 2
1	-	1	2	2	2	- 2	2	2	- 2	3	- 3	3

The 58 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	30	29	28	27	26	25	24	23	22	21	20	19
30	58	-										
29	57	3 58	-									
28	56	3 57	2 58	-								
27	55	2 56	2 57	2 58	-							
26	54	- 55	2 56	3 57	2 58	-						
25	52	3 54	- 55	1 56	2 57	2 58	-					
24	50	3 52	2 53	3 55	1 56	2 57	2 58	-				
23	48	2 50	2 52	1 53	2 55	- 56	1 57	2 58	-			
22	46	2 48	1 50	1 51	3 53	2 54	3 56	2 57	2 58	-		
21	44	1 46	- 47	2 49	2 51	2 53	- 54	2 56	- 57	1 58	-	
20	42	- 43	2 45	1 47	- 49	- 50	3 52	3 54	1 55	3 57	1 58	-
19	39	2 41	1 42	3 44	2 46	2 48	1 50	1 52	1 54	- 55	2 57	1 58
18	37	- 38	2 40	2 42	- 44	- 45	3 47	3 49	3 52	- 53	3 55	2 57
17	34	1 36	- 37	2 39	1 41	1 43	- 45	- 47	- 49	- 51	2 53	2 55
16	31	2 33	- 34	3 36	2 38	1 40	- 42	- 44	- 46	- 48	1 50	3 53
15	29	- 30	1 31	3 33	2 35	- 37	- 38	3 41	- 43	- 45	1 47	2 50
14	26	2 27	3 29	- 30	2 32	- 33	3 35	2 37	3 39	3 42	- 44	1 46
13	23	3 25	- 26	1 27	2 29	- 30	2 32	1 34	- 36	- 38	1 40	3 43
12	20	3 22	- 23	1 24	2 26	- 27	2 29	- 30	3 32	2 34	3 37	- 39
11	18	1 19	1 20	1 21	2 23	- 24	1 25	3 27	1 29	- 30	3 32	3 35
10	15	3 16	2 17	2 18	3 19	3 21	- 22	1 23	3 25	2 27	1 29	- 31
9	13	2 14	1 15	1 16	3 18	3 20	- 19	1 20	1 21	3 23	- 25	1 27
8	11	1 12	- 12	2 13	2 14	- 15	- 16	- 17	- 18	1 19	3 21	- 22
7	9	1 9	3 10	1 10	3 11	2 12	- 13	- 14	- 15	- 16	- 17	1 18
6	7	- 7	2 7	3 8	1 9	- 9	3 10	1 11	- 11	3 12	3 13	2 14
5	5	1 5	2 5	3 6	1 6	2 7	1 7	3 8	- 9	9	3 10	2 11
4	3	3 4	- 4	1 4	2 4	2 5	- 5	1 5	2 6	- 6	2 7	- 7
3	2	2 2	2 2	2 2	3 3	- 3	1 3	1 3	3 4	- 4	1 4	2 4
2	1	- 1	1 1	1 1	2 1	2 1	2 1	3 2	- 2	- 2	1 2	2 2
1	-	-	2	- 2	2	- 2	- 2	- 2	3	- 3	3	- 3

The 59 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	30	29	28	27	26	25	24	23	22	21	20	19
30	59	-										
29	58	2 59	-									
28	57	3 58	2 59	-								
27	56	2 57	2 58	2 59	-							
26	55	- 56	1 57	3 58	2 59	-						
25	53	2 55	- 56	1 57	2 58	2 59	-					
24	51	3 53	1 54	3 56	- 57	2 58	2 59	-				
23	49	2 51	1 53	- 54	2 55	3 57	1 58	2 59	-			
22	47	2 49	- 51	- 52	3 54	2 55	3 57	1 58	2 59	-		
21	45	- 46	3 48	2 50	2 52	1 54	- 55	2 57	- 58	1 59	-	
20	42	3 44	1 46	1 48	- 49	3 51	2 53	2 55	1 56	3 58	1 59	-
19	40	1 41	3 43	3 45	2 47	1 49	- 51	1 53	1 55	- 56	3 58	1 59
18	37	3 39	1 41	1 42	3 44	3 46	2 48	2 50	3 52	3 54	3 56	2 58
17	34	3 36	2 38	1 40	- 42	- 43	3 45	3 47	3 50	- 52	1 54	2 56
16	32	- 33	2 35	2 37	- 39	- 40	3 42	3 44	3 47	- 49	1 51	3 54
15	29	2 30	3 32	2 34	- 35	3 37	3 39	2 41	3 43	3 46	- 48	1 51
14	27	- 28	1 29	2 31	- 32	2 34	1 36	1 38	1 40	2 42	3 45	- 47
13	24	1 25	1 26	2 28	- 29	2 31	- 32	3 34	3 36	3 39	- 41	2 44
12	21	- 22	1 23	2 25	- 26	2 28	- 29	2 31	1 33	- 35	1 37	2 40
11	18	2 19	2 20	3 22	- 23	1 24	3 26	1 27	3 29	2 31	1 33	2 36
10	16	- 17	- 17	3 19	- 20	- 21	1 22	3 24	- 26	- 27	3 29	2 31
9	13	3 14	2 15	1 16	1 17	- 18	1 19	2 20	2 22	1 23	2 25	2 27
8	11	2 12	1 12	3 13	2 14	1 15	1 16	1 17	1 18	2 20	- 21	1 22
7	9	1 9	3 10	2 11	- 11	3 12	1 13	1 14	1 15	1 16	1 17	2 18
6	7	- 7	2 8	- 8	2 9	1 10	- 10	2 11	1 12	- 13	- 13	3 14
5	5	1 5	2 6	- 6	1 6	3 7	1 7	3 8	1 9	- 9	3 10	2 11
4	4	- 4	- 4	1 4	2 4	2 5	- 5	1 5	3 6	1 6	2 7	1 7
3	2	2 2	2 2	3 3	- 3	- 3	1 3	1 3	3 4	- 4	1 4	2 4
2	1	- 1	1 1	2 1	2 1	2 1	3 1	3 2	- 2	- 2	1 2	2 2
1	-	1	- 2	- 2	- 2	- 2	- 2	- 2	3	- 3	3	- 3

The 60 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	30	29	28	27	26	25	24	23	22	21	20	19
30	60	-										
29	59	2 60	-									
28	58	3 59	2 60	-								
27	57	1 58	2 59	2 60	-							
26	56	- 57	1 58	2 59	2 60	-						
25	54	2 55	3 57	1 58	2 59	2 60	-					
24	52	2 54	1 55	2 57	- 58	1 59	2 60	-				
23	50	1 52	1 54	- 55	2 56	3 58	1 59	2 60	-			
22	48	1 49	3 52	- 53	3 55	1 56	2 58	- 59	2 60	-		
21	45	3 47	2 49	1 51	1 53	1 54	3 56	2 58	- 59	1 60	-	
20	43	1 45	- 47	- 48	3 50	3 52	2 54	2 56	- 57	3 59	1 60	-
19	41	- 42	2 44	2 46	1 48	- 49	3 52	- 54	1 56	- 57	2 59	1 60
18	38	1 40	- 41	3 43	2 45	2 47	2 49	1 51	3 53	3 55	2 57	1 59
17	35	2 37	1 38	3 40	3 42	2 44	2 46	2 48	2 50	3 53	1 55	1 57
16	32	2 34	1 36	- 37	3 39	2 41	2 43	2 45	3 47	3 50	- 52	2 55
15	30	- 31	2 33	- 34	2 36	2 38	1 40	2 42	1 44	2 47	- 49	- 52
14	27	2 28	2 30	- 31	2 33	- 35	- 37	- 39	- 41	- 43	1 46	- 48
13	24	2 25	3 27	- 28	2 30	- 31	2 33	1 35	1 37	2 39	2 42	- 44
12	21	2 22	3 24	- 25	2 27	- 28	2 30	- 31	3 33	2 35	3 38	1 41
11	19	- 19	3 21	- 22	1 23	2 25	- 26	2 28	1 30	- 31	3 34	- 36
10	16	2 17	1 18	1 19	1 20	2 21	2 23	- 24	2 26	2 28	1 30	- 32
9	14	- 14	3 15	2 16	2 17	2 18	2 19	2 21	- 22	2 24	- 26	- 27
8	11	3 12	1 13	- 13	3 14	2 15	2 16	2 17	2 18	3 20	1 21	3 22
7	9	2 10	- 10	2 11	1 12	- 12	2 13	2 14	1 15	2 16	3 17	3 19
6	7	1 7	3 8	- 8	3 9	1 10	1 10	3 11	2 12	1 13	- 14	- 15
5	5	2 5	3 6	- 6	1 6	3 7	1 8	- 8	1 9	1 10	- 10	3 11
4	4	- 4	1 4	2 4	2 4	2 5	- 5	2 5	3 6	1 6	3 7	2 8
3	2	2 2	3 2	3 3	- 3	1 3	1 3	1 3	3 4	- 4	1 4	2 5
2	1	1 1	1 1	2 1	2 1	2 1	3 1	3 2	- 2	1 2	2 2	2 2
1	-	1	2	- 2	2	- 2	2	- 2	3	- 3	3	- 3

The 61 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	30	29	28	27	26	25	24	23	22	21	20	19
30	61	-										
29	60	2 61	-									
28	59	2 60	2 61	-								
27	58	1 59	2 60	2 61	-							
26	56	3 58	1 59	2 60	2 61	-						
25	55	2 56	3 58	1 59	2 60	2 61	-					
24	53	2 55	- 56	2 58	- 59	1 60	2 61	-				
23	51	1 53	- 55	- 56	1 57	3 59	- 60	1 61	-			
22	49	- 50	3 52	3 54	2 56	1 57	2 59	- 60	1 61	-		
21	46	2 48	1 50	- 52	- 54	- 55	3 57	1 58	3 60	1 61	-	
20	44	- 45	3 47	3 49	2 51	2 53	2 55	2 57	- 58	3 60	1 61	-
19	41	2 43	1 45	- 47	- 48	3 50	2 52	3 55	- 56	3 58	2 60	1 61
18	38	3 40	2 42	2 44	1 46	1 48	1 50	- 52	2 54	2 56	2 58	1 60
17	36	- 37	3 39	2 41	1 43	1 45	- 47	1 49	1 51	2 54	- 56	1 58
16	33	1 34	3 36	2 38	1 40	1 42	- 44	- 46	2 48	2 51	- 53	2 56
15	30	2 32	- 33	2 35	- 37	- 38	3 41	- 43	- 45	- 47	3 50	- 53
14	27	3 29	- 30	2 32	- 33	3 35	2 37	2 39	2 41	3 44	- 46	3 49
13	25	- 26	1 27	2 29	- 30	2 32	- 33	3 36	- 38	- 40	1 42	3 45
12	21	3 23	1 24	2 26	- 27	1 29	- 30	2 32	1 34	- 36	2 38	3 41
11	19	1 20	1 21	2 22	3 24	- 25	2 27	- 28	3 30	2 32	1 34	2 37
10	16	3 17	2 18	2 19	3 20	3 22	1 23	2 25	- 26	3 28	3 30	2 32
9	14	1 15	- 15	3 16	3 17	3 19	- 20	- 21	1 23	- 24	2 26	2 28
8	12	- 12	2 13	1 14	- 14	3 15	3 16	3 18	- 19	1 20	3 22	- 23
7	9	2 10	1 11	- 11	1 12	1 12	3 13	2 14	2 15	3 17	- 18	1 19
6	7	1 7	3 8	1 8	3 9	2 10	1 10	3 11	2 12	2 13	1 14	1 15
5	5	2 5	3 6	- 6	1 7	- 7	2 8	- 8	1 9	2 10	- 11	- 11
4	4	- 4	1 4	2 4	3 4	3 5	1 5	2 6	- 6	2 6	3 7	2 8
3	2	2 2	3 2	3 3	- 3	1 3	1 3	2 4	- 4	1 4	2 4	3 5
2	1	1 1	2 1	2 1	2 1	2 1	3 1	3 2	- 2	1 2	2 2	2 2
1	-	1 -	2 -	2 -	2 -	2 -	2 -	3 -	3 -	3 -	3 -	3 -

The 62 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	30	29	28	27	26	25	24	23	22	21	20	19
30	62	-										
29	61	2 62	-									
28	60	2 61	2 62	-								
27	59	1 60	2 61	2 62	-							
26	57	3 59	1 60	2 61	2 62	-						
25	56	1 57	3 59	- 60	2 61	2 62	-					
24	54	1 56	- 57	2 59	- 60	1 61	2 62	-				
23	52	- 54	- 55	3 57	1 58	3 60	- 61	1 62	-			
22	49	3 51	2 53	2 55	2 57	- 58	2 60	- 61	1 62	-		
21	47	2 49	- 51	- 53	- 55	- 56	2 58	1 59	3 61	1 62	-	
20	44	3 46	2 48	2 50	1 52	2 54	1 56	1 58	- 59	2 61	1 62	-
19	42	1 44	- 45	3 47	3 49	2 51	2 53	3 56	- 57	2 59	2 61	1 62
18	39	2 41	1 43	1 45	- 47	- 49	- 51	- 53	1 55	2 57	2 59	1 61
17	36	2 38	2 40	1 42	- 44	- 46	- 48	- 50	- 52	2 55	- 57	- 59
16	33	3 35	1 37	1 39	- 41	- 42	3 44	3 47	1 49	1 51	3 54	1 57
15	31	- 32	2 34	- 35	3 37	2 39	2 41	2 43	3 46	- 48	2 51	- 53
14	28	1 29	2 31	- 32	2 34	1 36	- 38	- 40	1 42	2 44	3 47	2 50
13	25	2 26	3 28	- 29	2 31	- 32	3 34	2 36	2 38	2 41	- 43	3 46
12	22	1 23	2 24	3 26	1 27	3 29	1 31	- 32	3 34	3 37	- 39	2 42
11	19	2 20	2 21	3 23	- 24	2 26	- 27	2 29	- 31	- 32	3 35	2 38
10	17	- 17	3 18	3 20	- 21	- 22	2 23	3 25	2 27	1 29	1 31	- 33
9	14	2 15	1 16	- 17	- 18	- 19	1 20	1 21	2 23	1 24	3 26	2 28
8	12	1 12	3 13	2 14	1 15	- 16	- 17	1 18	1 19	2 21	- 22	1 23
7	9	3 10	2 11	- 11	2 12	2 13	- 13	3 14	3 16	- 17	1 18	1 19
6	7	2 8	0 8	2 9	- 9	2 10	2 11	- 11	3 12	3 13	2 14	2 15
5	5	2 6	- 6	1 6	2 7	- 7	2 8	1 8	2 9	2 10	1 10	3 11
4	4	- 4	1 4	2 4	3 4	3 5	1 5	3 6	- 6	2 7	- 7	2 8
3	2	2 2	3 2	3 3	- 3	1 3	2 3	2 4	- 4	1 4	2 4	3 5
2	1	1 1	2 1	2 1	2 1	2 1	3 1	3 2	- 2	1 2	2 2	2 2
1	-	1 -	2 -	2 -	2 -	2 -	2 -	2 -	3 -	3 -	3 -	3 -

The 63 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	31	30	29	28	27	26	25	24	23	22	21	20
31	63	-										
30	62	2 63	-									
29	61	3 62	2 63	-								
28	60	2 61	2 62	2 63	-							
27	58	3 60	1 61	2 62	2 63	-						
26	57	2 58	3 60	- 61	2 62	2 63	-					
25	55	2 57	1 58	2 60	- 61	1 62	2 63	-				
24	53	2 55	1 57	- 58	2 59	3 61	1 62	2 63	-			
23	51	1 52	3 54	3 56	3 58	1 59	2 61	- 62	1 63	-		
22	48	3 50	2 52	2 54	2 56	1 58	- 59	2 61	- 62	1 63	-	
21	46	2 48	1 49	3 51	3 53	3 55	3 57	2 59	- 60	3 62	1 63	-
20	44	- 45	2 47	1 49	1 51	1 53	1 55	1 57	2 59	- 60	2 62	1 63
19	41	1 42	3 44	2 46	2 48	2 50	2 52	1 54	2 56	3 58	2 60	1 62
18	38	2 40	1 42	- 43	3 45	3 47	3 49	3 51	3 54	1 56	1 58	1 60
17	35	2 37	1 39	- 40	3 42	3 44	3 46	3 48	3 51	- 53	1 55	3 58
16	32	3 34	1 35	3 37	3 39	2 41	2 43	2 45	2 48	- 50	- 52	2 55
15	30	1 31	2 33	- 34	2 36	1 38	1 40	- 42	1 44	2 46	3 49	1 51
14	27	1 28	2 30	- 31	2 33	- 34	3 36	2 38	3 41	- 43	- 45	2 48
13	24	2 25	3 27	1 28	2 30	- 31	2 33	1 35	- 37	- 39	1 41	2 44
12	21	2 22	2 24	- 25	1 26	3 28	1 29	3 31	2 33	1 35	1 37	3 40
11	19	- 20	- 20	3 22	- 23	2 24	3 26	1 28	- 29	2 31	2 33	1 36
10	16	2 17	1 18	1 19	1 20	1 21	2 22	3 24	1 25	3 27	3 29	2 31
9	14	- 14	3 15	2 16	1 17	1 18	1 19	2 20	3 22	- 23	3 25	1 27
8	11	3 12	1 13	- 13	3 14	2 15	1 16	1 17	1 18	2 19	3 21	1 22
7	9	2 10	- 10	2 11	1 11	2 12	2 13	1 14	- 15	- 16	1 17	2 18
6	7	1 7	2 8	- 8	2 9	- 9	3 10	2 11	1 12	- 12	3 13	3 14
5	5	2 5	3 6	- 6	1 6	2 7	1 7	3 8	1 8	2 9	3 10	2 11
4	4	0 4	1 4	1 4	2 4	3 5	- 5	2 5	3 6	- 6	2 7	- 7
3	2	2 2	3 2	3 3	- 3	2 3	1 3	2 3	3 4	- 4	2 4	2 5
2	1	1 1	1 1	2 1	2 1	2 1	2 1	3 2	- 2	- 2	2 2	2 2
1	-	1 -	2 -	2 -	2 -	2 -	2 -	3 -	3 -	3 -	3 -	3 -

The 64 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	31	30	29	28	27	26	25	24	23	22	21	20
31	64	-										
30	63	2 64	-									
29	62	3 63	2 64	-								
28	61	2 62	2 63	2 64	-							
27	59	3 61	- 62	2 63	2 64	-						
26	58	2 59	2 61	- 62	2 63	2 64	-					
25	56	2 58	- 59	2 61	- 62	1 63	2 64	-				
24	54	1 56	- 57	3 59	1 60	3 62	1 63	2 64	-			
23	52	- 53	2 55	2 57	2 59	- 60	2 62	- 63	1 64	-		
22	49	3 51	2 53	1 55	1 57	1 59	- 60	2 62	- 63	1 64	-	
21	47	1 49	- 50	3 52	2 54	2 56	3 58	2 60	- 61	3 63	1 64	-
20	44	3 46	1 48	- 50	- 52	- 54	- 56	- 58	- 59	3 61	2 63	1 64
19	42	- 43	2 45	1 47	1 49	1 51	1 53	1 55	2 57	3 59	2 61	1 63
18	39	- 40	3 42	2 44	2 46	2 48	2 50	2 52	2 55	- 57	- 59	1 61
17	36	1 37	3 39	2 41	2 43	1 45	1 47	2 49	2 51	3 54	- 56	2 58
16	33	2 34	3 36	2 38	1 40	1 42	1 44	1 46	1 48	2 51	- 53	1 56
15	30	2 32	- 33	2 35	- 36	3 38	3 40	3 42	3 45	- 47	2 50	- 52
14	27	2 29	- 30	2 32	- 33	2 35	1 37	1 39	1 41	2 43	3 46	1 49
13	25	- 26	1 27	2 29	- 30	2 32	- 33	3 35	2 37	3 39	3 42	1 45
12	21	3 23	- 24	1 25	3 27	1 28	3 30	1 32	- 33	3 35	3 38	1 41
11	19	1 20	1 21	1 22	2 23	3 25	1 26	3 28	2 30	- 32	- 33	3 36
10	16	3 17	2 18	2 19	2 20	3 21	3 23	1 24	3 26	- 28	1 30	- 32
9	14	1 15	- 15	3 16	2 17	2 18	3 19	3 21	- 22	2 24	1 25	3 27
8	12	- 12	2 13	1 13	3 14	3 15	2 16	2 17	2 18	3 20	1 21	3 23
7	9	2 10	1 10	3 11	1 11	3 12	3 13	2 14	1 15	1 16	2 17	3 18
6	7	2 7	3 8	1 8	3 9	1 10	- 10	3 11	1 12	- 13	- 14	- 14
5	5	2 5	3 6	1 6	2 6	3 7	1 7	3 8	2 8	3 9	3 10	2 11
4	4	- 4	1 4	2 4	2 5	- 5	- 5	2 5	3 6	1 6	3 7	1 7
3	2	2 2	3 2	3 3	- 3	1 3	2 3	2 3	3 4	- 4	2 4	3 5
2	1	1 1	1 1	2 1	2 1	2 1	2 1	3 2	- 2	1 2	2 2	3 2
1	-	1 -	2 -	2 -	2 -	2 -	2 -	3 -	- 3	- 3	3 -	3 -

The 65 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	31	30	29	28	27	26	25	24	23	22	21	20
31	65	-										
30	64	265	-									
29	63	364	265	-								
28	62	263	264	265	-							
27	60	362	-63	264	265	-						
26	59	260	262	-63	264	265	-					
25	57	159	-60	262	-63	164	265	-				
24	55	-57	-58	260	161	363	164	265	-			
23	52	354	256	258	260	-61	263	-64	165	-		
22	50	252	154	-56	158	-59	361	163	-64	165	-	
21	48	-49	351	253	255	257	259	161	-62	364	165	-
20	45	247	-48	351	-52	355	-56	359	-60	362	264	165
19	42	244	146	-48	-50	-52	-54	-56	158	360	162	164
18	39	341	243	145	147	149	151	253	256	-58	-60	-62
17	36	338	140	142	-44	-46	-48	-50	252	255	-57	259
16	33	335	137	-38	340	342	344	347	-49	251	354	157
15	31	132	234	-35	337	239	141	243	246	-48	-50	353
14	28	-29	231	-32	234	-36	-37	340	-42	144	247	-49
13	25	126	228	-29	131	132	234	136	-38	140	243	-45
12	22	123	124	326	127	229	-30	332	234	136	138	341
11	19	220	221	222	324	125	327	129	-30	232	234	137
10	17	-17	318	319	321	-22	123	225	-26	328	230	232
9	14	215	116	-16	317	319	-20	-21	222	324	226	128
8	12	-12	313	214	-15	-15	316	317	319	-20	222	-23
7	9	310	111	-11	212	-13	-13	214	215	216	318	-19
6	7	37	38	28	39	210	-11	-11	212	113	114	115
5	5	26	6	16	26	37	28	-8	29	-10	-10	311
4	4	-4	14	24	35	-5	-5	36	-6	17	-7	28
3	2	22	33	-3	-3	13	23	23	33	44	24	35
2	1	11	11	21	21	21	32	-2	-2	12	22	32
1	-	1	-	2	-	2	-	2	-	3	-	3

The 66 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	31	30	29	28	27	26	25	24	23	22	21	20
31	66	-										
30	65	2 66	-									
29	64	2 65	2 66	-								
28	63	1 64	2 65	2 66	-							
27	61	3 63	- 64	2 65	2 66	-						
26	60	1 61	2 63	- 64	2 65	2 66	-					
25	58	1 60	- 61	2 62	3 64	1 65	2 66	-				
24	56	- 57	3 59	2 61	1 62	3 64	- 65	2 66	-			
23	53	2 55	1 57	1 59	1 61	- 62	2 64	- 65	1 66	-		
22	51	1 53	- 54	3 57	- 59	- 60	3 62	1 64	- 65	1 66	-	
21	48	3 50	2 52	1 54	1 56	1 58	2 60	1 62	- 63	3 65	1 66	-
20	46	1 47	3 49	2 51	3 53	2 55	3 57	3 60	- 61	3 63	2 65	1 66
19	43	1 45	- 46	3 48	3 50	3 53	- 54	3 57	1 59	2 61	1 63	1 65
18	40	2 42	- 43	3 46	- 48	- 50	- 52	1 54	1 57	- 59	- 61	- 63
17	37	1 39	- 41	- 42	3 44	3 46	3 49	- 51	1 53	2 55	3 58	2 60
16	34	2 35	3 37	2 39	2 41	2 43	2 45	2 47	3 50	1 52	2 55	- 57
15	31	2 33	- 34	2 36	1 38	- 40	- 42	- 44	1 46	3 48	3 51	2 54
14	28	2 30	- 31	2 33	- 34	2 36	2 38	1 40	2 42	3 45	- 47	3 50
13	25	2 27	- 28	1 29	3 31	2 33	- 34	3 36	2 38	3 41	- 43	2 46
12	22	2 23	3 25	- 26	2 28	- 29	2 31	1 33	- 35	- 37	- 39	2 42
11	19	3 20	3 22	- 23	1 24	2 26	- 27	3 29	1 31	- 33	- 35	- 37
10	17	1 18	- 19	- 20	- 21	1 22	2 24	- 25	1 27	1 29	- 31	- 33
9	14	3 15	2 16	1 17	- 18	- 19	1 20	2 21	3 23	1 24	3 26	2 28
8	12	1 13	- 13	2 14	1 15	1 16	- 17	- 18	1 19	1 20	3 22	2 23
7	10	- 10	2 11	- 11	3 12	1 13	- 13	3 14	3 15	3 17	1 18	1 19
6	7	3 8	- 8	2 9	- 9	2 10	1 11	1 11	3 12	2 13	2 14	2 15
5	5	3 6	- 6	2 6	2 7	- 7	2 8	1 8	3 9	- 10	1 11	- 11
4	4	1 4	1 4	2 4	3 5	- 5	1 5	3 6	- 6	2 7	- 7	2 8
3	2	2 2	3 3	- 3	- 3	1 3	2 3	3 3	3 4	1 4	2 4	3 5
2	1	1 1	1 1	2 1	2 1	2 1	3 2	- 2	- 2	1 2	2 2	3 3
1	-	2 -	2 -	2 -	2 -	2 -	2 -	2 -	3 -	3 -	3 -	3 -

The 67 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	31	30	29	28	27	26	25	24	23	22	21	20
31	67	-										
30	66	2 67	-									
29	65	2 66	2 67	-								
28	64	1 65	2 66	2 67	-							
27	62	2 64	- 65	1 66	2 67	-						
26	61	1 62	2 64	- 65	2 66	2 67	-					
25	59	- 60	3 62	1 63	3 65	1 66	2 67	-				
24	56	3 58	2 60	2 62	- 63	3 65	- 66	2 67	-			
23	54	2 56	1 58	1 60	1 61	3 63	2 65	- 66	1 67	-		
22	52	- 53	3 55	3 58	- 59	3 61	2 63	1 64	3 66	1 67	-	
21	49	2 51	1 53	1 55	- 57	1 59	1 61	1 63	- 64	3 66	1 67	-
20	47	- 48	2 50	1 52	2 54	2 56	2 58	2 61	- 62	2 64	2 66	1 67
19	43	2 45	2 47	2 49	2 51	2 53	3 55	2 58	- 60	2 62	1 64	1 66
18	41	- 42	3 44	2 46	3 48	3 50	3 53	- 55	- 57	3 59	3 62	- 64
17	37	3 39	2 41	2 43	2 45	1 47	2 49	2 52	- 54	1 56	3 59	1 61
16	35	- 36	2 38	1 40	- 42	- 44	- 46	1 48	2 51	- 53	1 55	3 58
15	32	- 33	2 35	- 36	3 38	2 40	2 42	3 44	3 47	2 49	2 52	1 55
14	29	- 30	2 32	- 33	2 35	1 37	- 39	- 41	1 43	2 45	3 48	2 51
13	26	- 27	2 28	3 30	1 31	3 33	2 35	1 37	1 39	2 41	3 44	1 47
12	23	- 24	- 25	2 26	3 28	2 30	- 31	3 33	2 35	2 37	2 40	- 42
11	20	- 21	1 22	1 23	2 25	- 26	2 28	- 29	3 31	2 33	2 35	2 38
10	17	2 18	1 19	1 20	1 21	3 23	- 24	1 25	3 27	2 29	2 31	2 33
9	15	- 15	3 16	2 17	1 18	1 19	2 20	3 22	- 23	2 25	1 27	- 28
8	12	2 13	1 13	3 14	2 15	2 16	1 17	1 18	2 19	2 21	1 22	3 24
7	10	- 10	2 11	1 12	- 12	2 13	1 14	- 15	- 16	- 17	2 18	2 19
6	7	3 8	- 8	2 9	- 9	3 10	2 11	1 12	- 12	3 13	2 14	3 15
5	5	3 6	- 6	2 6	3 7	- 7	2 8	1 9	- 9	1 10	1 11	1 11
4	4	1 4	2 4	2 4	3 5	1 5	1 5	3 6	- 6	2 7	1 7	2 8
3	2	2 3	- 3	- 3	1 3	1 3	2 3	3 4	- 4	2 4	3 4	3 5
2	1	1 1	1 1	2 1	2 1	3 1	3 2	- 2	- 2	1 2	2 2	3 2
1	-	2 -	2 -	2 -	2 -	2 -	2 -	2 -	3 -	3 -	3 -	3 -

The 68 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	31	30	29	28	27	26	25	24	23	22	21	20
31	68	-										
30	67	2 68	-									
29	66	2 67	2 68	-								
28	65	1 66	2 67	2 68	-							
27	63	2 65	- 66	1 67	2 68	-						
26	62	- 63	1 65	- 66	2 67	2 68	-					
25	60	- 61	3 63	1 64	3 66	1 67	2 68	-				
24	57	2 59	2 61	2 63	- 64	2 66	- 67	1 68	-			
23	55	1 57	- 59	- 61	1 62	3 64	1 65	3 67	1 68	-		
22	52	3 54	3 56	2 58	3 60	3 62	2 64	1 65	3 67	1 68	-	
21	50	1 52	- 54	- 56	- 58	- 60	1 62	1 64	- 65	3 67	1 68	-
20	47	3 49	1 51	1 53	1 55	1 57	2 59	2 61	3 63	2 65	2 67	1 68
19	44	2 46	1 48	1 50	1 52	2 54	2 56	2 59	- 61	2 63	1 65	1 67
18	41	3 43	1 45	1 47	2 49	2 51	3 53	3 56	- 58	2 60	3 63	- 65
17	38	2 40	1 42	1 44	- 46	- 48	1 50	2 52	3 55	1 57	2 60	1 62
16	35	2 37	- 38	3 40	3 42	3 44	3 47	- 49	1 51	3 54	- 56	3 59
15	32	2 34	- 35	2 37	1 39	- 41	1 43	1 45	2 48	- 50	1 53	1 56
14	29	1 31	- 32	2 34	- 35	3 37	2 39	2 41	3 44	1 46	2 49	- 52
13	26	1 27	3 29	1 30	3 32	1 34	- 35	3 37	3 40	- 42	1 45	- 48
12	23	1 24	2 25	3 27	1 29	- 30	2 32	1 34	- 36	- 38	- 40	3 43
11	20	1 21	2 22	2 23	3 25	1 26	3 28	2 30	1 32	- 34	- 36	- 38
10	17	3 18	2 19	2 20	2 22	- 23	1 24	3 26	1 28	- 30	- 32	- 34
9	15	1 16	- 16	3 17	2 18	2 19	3 21	- 22	1 23	3 25	2 27	1 29
8	12	2 13	1 14	- 14	3 15	2 16	1 17	2 18	3 19	3 21	2 23	- 24
7	10	1 10	3 11	2 12	- 12	2 13	2 14	1 15	1 16	1 17	3 18	3 20
6	8	- 8	1 8	3 9	1 10	- 10	2 11	2 12	- 12	3 13	3 14	3 15
5	6	- 6	1 6	2 6	3 7	1 7	3 8	2 9	- 9	2 10	2 11	1 11
4	4	1 4	2 4	2 5	- 5	1 5	2 5	3 6	1 6	2 7	1 7	3 8
3	2	2 3	- 3	- 3	1 3	1 3	2 3	3 4	- 4	2 4	3 5	- 5
2	1	1 1	1 1	2 1	2 1	3 1	3 2	- 2	- 2	1 2	2 2	3 2
1	-	2 -	2 -	2 -	2 -	2 -	2 -	3 -	3 -	3 -	3 -	3 -

The 69 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	31	30	29	28	27	26	25	24	23	22	21	20
31	69	-										
30	68	2 69	-									
29	67	2 68	2 69	-								
28	66	1 67	2 68	2 69	-							
27	64	2 66	1 67	1 68	2 69	-						
26	63	- 64	1 65	3 67	2 68	2 69	-					
25	61	- 62	3 64	1 65	3 67	1 68	2 69	-				
24	58	2 60	2 62	1 64	- 65	2 67	- 68	1 69	-			
23	56	- 57	3 60	- 62	- 63	3 65	1 66	3 68	1 69	-		
22	53	2 55	2 57	1 59	2 61	3 63	2 65	1 66	3 68	1 69	-	
21	51	- 52	3 54	3 56	3 59	- 61	1 63	- 65	- 66	3 68	1 69	-
20	48	2 49	3 52	- 54	- 56	- 58	1 60	2 62	3 64	2 66	2 68	1 69
19	45	1 47	- 49	- 51	- 53	1 55	1 57	1 59	3 62	1 64	1 66	- 68
18	42	1 44	- 46	- 48	- 50	1 52	2 54	2 56	3 59	2 61	2 64	- 66
17	39	- 40	3 42	3 44	3 46	3 49	- 51	1 53	- 58	2 61	- 63	2
16	36	- 37	2 39	1 41	1 43	1 45	2 47	3 50	- 52	2 55	- 57	2 60
15	33	- 34	2 36	- 37	3 39	3 41	3 44	- 46	1 48	3 51	- 54	- 57
14	29	3 31	1 33	- 34	2 36	1 38	- 40	- 42	2 44	3 47	1 50	- 52
13	26	3 28	1 29	3 31	- 32	3 34	2 36	2 38	1 40	3 43	- 45	2 48
12	23	2 24	3 26	1 27	2 29	1 31	- 32	2 34	2 36	2 38	2 41	1 44
11	20	3 21	3 22	3 24	1 25	2 27	1 29	- 30	3 32	2 34	2 36	2 39
10	18	- 19	- 19	3 21	- 22	1 23	2 25	- 26	2 28	1 30	1 32	2 34
9	15	1 16	- 17	- 17	3 18	3 20	- 21	1 22	2 24	1 26	- 27	2 29
8	12	3 13	2 14	1 15	- 15	3 16	2 17	3 19	- 20	1 21	3 23	1 24
7	10	1 11	- 11	2 12	1 12	3 13	3 14	2 15	2 16	1 17	3 19	- 20
6	8	- 8	1 9	- 9	2 10	- 10	3 11	2 12	1 13	- 14	- 15	- 16
5	6	- 6	1 6	2 6	3 7	1 7	3 8	2 9	1 9	2 10	2 11	2 12
4	4	1 4	2 4	2 5	- 5	1 5	2 6	- 6	1 6	2 7	1 7	3 8
3	2	3 3	- 3	- 3	1 3	2 3	3 3	3 4	- 4	2 4	3 5	- 5
2	1	1 1	2 1	2 1	2 1	3 1	3 2	- 2	- 2	1 2	2 2	3 2
1	-	2	-	2	-	2	-	3	-	3	-	3

The 70 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	31	30	29	28	27	26	25	24	23	22	21	20
31	70	-										
30	69	2 70	-									
29	68	2 69	2 70	-								
28	67	1 68	2 69	2 70	-							
27	65	2 67	- 68	1 69	2 70	-						
26	64	- 65	1 66	3 68	1 69	2 70	-					
25	61	3 63	2 65	1 66	3 68	- 69	2 70	-				
24	59	1 61	1 63	1 65	- 66	2 68	- 69	1 70	-			
23	56	3 58	2 60	3 63	- 64	2 66	1 67	3 69	1 70	-		
22	54	2 56	1 58	1 60	2 62	2 64	2 66	- 67	3 69	1 70	-	
21	51	3 53	2 55	2 57	2 59	3 62	- 64	- 65	3 67	2 69	1 70	-
20	49	- 50	3 52	2 54	3 56	3 59	- 61	1 63	2 65	2 67	1 69	1 70
19	45	3 47	3 49	3 51	3 54	- 56	- 58	1 60	2 63	1 65	- 67	- 69
18	42	3 44	2 46	2 48	3 51	- 53	1 55	1 57	2 60	1 62	2 65	- 67
17	39	2 41	1 43	2 45	1 47	2 49	3 52	- 54	1 56	3 59	- 62	- 64
16	36	2 38	- 40	- 42	- 44	- 46	- 48	2 50	3 53	1 55	3 58	1 61
15	33	2 35	- 36	2 38	1 40	1 42	2 44	2 47	- 49	2 52	- 54	3 57
14	30	1 31	3 33	2 35	- 36	3 38	3 40	3 43	- 45	2 48	- 50	2 53
13	27	1 28	2 30	- 31	2 33	1 35	- 37	- 38	3 41	1 43	2 46	1 49
12	24	- 25	1 26	2 28	- 29	3 31	1 33	- 35	- 37	- 39	- 41	3 44
11	21	- 22	- 23	1 24	2 25	3 27	2 29	1 31	- 33	- 35	- 37	- 40
10	18	1 19	1 20	- 21	1 22	2 23	3 25	2 26	3 28	3 30	3 32	3 35
9	15	2 16	1 17	1 18	- 19	- 20	1 21	2 22	3 24	2 26	1 28	- 30
8	13	- 13	2 14	2 15	1 16	- 16	3 18	- 19	1 20	2 22	- 23	3 25
7	10	2 11	- 11	3 12	1 13	- 14	- 14	3 15	2 16	2 18	- 19	2 20
6	8	- 8	2 9	- 9	2 10	1 11	- 11	3 12	2 13	1 14	1 15	1 16
5	6	- 6	1 6	3 7	- 7	2 7	3 8	2 9	1 9	3 10	3 11	3 12
4	4	2 4	2 4	3 5	- 5	1 5	2 6	- 6	1 6	3 7	2 8	- 8
3	2	3 3	- 3	1 3	1 3	2 3	3 3	3 4	- 4	2 4	3 5	- 5
2	1	1 1	2 1	2 1	2 1	3 2	- 2	- 2	1 2	2 2	3 3	- 3
1	-	2	-	2	-	2	-	3	-	3	-	3

The 71 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	31	30	29	28	27	26	25	24	23	22	21	20
31	71	-										
30	70	2 71	-									
29	69	2 70	2 71	-								
28	68	1 69	1 70	2 71	-							
27	66	2 67	3 69	1 70	2 71	-						
26	65	- 66	1 67	3 69	- 70	2 71	-					
25	62	3 64	2 66	- 67	3 69	- 70	2 71	-				
24	60	- 62	1 64	- 65	3 67	2 69	- 70	1 71	-			
23	57	3 59	2 61	2 63	3 65	2 67	1 68	3 70	1 71	-		
22	55	1 57	- 59	- 61	2 63	2 65	1 67	- 68	3 70	1 71	-	
21	52	2 54	1 56	1 58	1 60	2 63	- 65	- 66	3 68	2 70	1 71	-
20	49	3 51	2 53	1 55	2 57	2 59	3 62	1 64	2 66	2 68	1 70	1 71
19	46	2 48	1 50	1 52	2 54	3 56	3 59	- 61	2 64	- 66	- 68	- 70
18	43	1 45	1 47	1 49	2 51	2 54	- 56	- 58	1 61	- 63	2 65	3 68
17	40	- 42	- 44	- 46	- 48	- 50	2 52	2 55	- 57	2 60	- 63	- 65
16	37	- 38	2 40	2 42	2 44	2 46	3 49	- 51	2 54	- 56	2 59	- 62
15	34	- 35	2 37	- 38	3 41	- 43	- 45	- 47	2 50	- 52	2 55	2 58
14	30	3 32	1 34	- 35	2 37	1 39	1 41	1 43	2 46	- 48	2 51	1 54
13	27	3 29	- 30	2 32	- 33	3 35	2 37	2 39	2 41	3 44	- 47	- 50
12	24	1 25	2 27	- 28	2 30	- 31	3 33	2 35	2 37	2 39	3 42	2 45
11	21	1 22	2 23	2 25	- 26	1 28	- 29	3 31	2 33	2 35	2 37	2 40
10	18	2 19	2 20	2 21	2 23	- 24	1 26	- 27	2 29	1 31	1 33	1 35
9	15	3 16	2 17	2 18	1 19	1 20	2 21	3 23	1 24	3 26	3 28	2 30
8	13	1 13	3 14	3 15	2 16	1 17	- 18	1 19	2 20	3 22	1 24	- 25
7	10	3 11	1 12	- 12	2 13	1 14	1 15	- 16	- 17	- 18	1 19	3 20
6	8	- 8	2 9	1 9	2 10	1 11	1 12	- 12	3 13	2 14	2 15	2 16
5	6	- 6	2 6	3 7	- 7	2 8	- 8	3 9	2 9	3 11	- 11	3 12
4	4	2 4	3 4	3 5	1 5	2 5	2 6	- 6	2 6	3 7	2 8	- 8
3	2	3 3	- 3	1 3	1 3	2 3	3 3	3 4	1 4	2 5	- 5	- 5
2	1	1 1	2 1	2 1	2 1	3 2	- 2	1 2	2 2	3 3	- 3	- 3
1	-	2 -	2 -	2 -	2 -	2 -	3 -	3 -	3 -	3 -	3 -	3 -

The 72 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	31	30	29	28	27	26	25	24	23	22	21	20
31	72	-										
30	71	2 72	-									
29	70	2 71	2 72	-								
28	69	1 70	1 71	2 72	-							
27	67	2 68	3 70	1 71	2 72	-						
26	65	3 67	- 68	2 70	1 71	2 72	-					
25	63	2 65	1 67	- 68	2 70	- 71	2 72	-				
24	61	- 63	- 65	- 66	3 68	2 70	- 71	1 72	-			
23	58	2 60	1 62	2 64	3 66	1 68	- 69	3 71	1 72	-		
22	56	- 57	3 59	3 62	1 64	1 66	1 68	- 69	3 71	1 72	-	
21	53	1 55	- 57	- 59	- 61	2 63	3 65	3 67	3 69	2 71	1 72	-
20	50	2 52	1 54	- 56	2 58	2 60	3 63	- 65	2 67	1 69	1 71	1 72
19	47	1 49	- 51	- 53	1 55	2 57	2 59	3 62	2 65	- 67	- 69	- 71
18	44	- 46	- 48	- 50	1 52	1 54	3 57	- 59	- 62	- 64	2 66	3 68
17	40	3 42	2 44	2 46	3 48	3 51	1 53	2 56	- 58	1 61	- 64	- 66
16	37	2 39	- 41	- 43	1 45	1 47	2 49	3 52	1 54	3 57	1 60	- 63
15	34	2 36	- 37	2 39	2 41	2 43	2 45	3 48	1 51	- 53	1 56	1 59
14	31	- 32	3 34	2 36	- 37	3 39	3 41	3 44	1 46	3 49	1 52	- 55
13	28	- 29	2 30	3 32	2 34	1 36	- 38	- 40	- 42	2 44	3 47	2 50
12	24	2 25	3 27	1 28	3 30	2 32	1 34	- 36	- 38	- 40	1 43	- 46
11	21	2 22	3 23	3 25	1 26	2 28	2 30	1 31	3 34	- 36	- 38	- 41
10	18	3 19	3 20	3 21	3 23	1 24	2 26	1 27	3 29	2 31	2 33	3 36
9	16	- 16	3 17	3 18	2 19	2 20	3 22	- 23	2 25	1 27	1 28	3 31
8	13	1 14	- 15	- 15	2 16	2 17	1 18	2 19	3 21	- 22	3 24	1 25
7	11	- 11	2 12	1 12	3 13	2 14	2 15	- 16	- 17	1 18	2 20	- 21
6	8	1 8	3 9	2 9	3 10	2 11	1 12	1 12	3 13	2 14	3 15	3 16
5	6	1 6	2 7	- 7	1 7	2 8	- 8	3 9	2 10	- 11	- 12	- 12
4	4	2 4	3 4	3 5	1 5	2 5	3 6	- 6	2 6	3 7	2 8	- 8
3	2	3 3	- 3	1 3	1 3	2 3	3 4	- 4	1 4	2 5	- 5	1 5
2	1	1 1	2 1	2 1	3 1	3 2	- 2	- 2	1 2	2 2	3 3	- 3
1	-	2 -	2 -	2 -	2 -	2 -	3 -	3 -	3 -	3 -	3 -	3 -

The 73 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	31	30	29	28	27	26	25	24	23	22	21	20
31	73	-										
30	72	2 73	-									
29	71	2 72	2 73	-								
28	70	- 71	1 72	2 73	-							
27	68	1 69	3 71	1 72	2 73	-						
26	66	3 68	- 69	2 71	1 72	2 73	-					
25	64	2 66	1 68	- 69	2 71	- 72	2 73	-				
24	61	3 64	- 66	- 67	3 69	2 71	- 72	1 73	-			
23	59	1 61	1 63	2 65	3 67	1 69	- 70	3 72	1 73	-		
22	56	3 58	2 60	3 63	1 65	- 67	1 69	- 70	3 72	1 73	-	
21	54	- 55	3 58	- 60	- 62	2 64	3 66	3 68	2 70	2 72	1 73	-
20	51	1 53	- 55	- 57	1 59	- 61	2 64	- 66	1 68	- 70	1 72	1 73
19	47	3 49	3 51	3 54	- 56	1 58	2 60	2 63	1 66	- 68	- 70	- 72
18	44	3 46	2 48	- 51	- 53	- 55	2 57	3 60	- 63	- 65	1 67	3 69
17	41	- 43	- 45	1 47	- 49	2 52	- 54	1 56	3 59	- 61	3 64	3 67
16	38	- 39	3 41	2 43	3 45	3 48	1 50	2 53	- 55	2 58	- 61	- 64
15	35	- 36	2 38	1 40	- 42	- 44	1 46	2 49	- 51	2 54	- 57	- 60
14	31	2 33	- 34	3 36	2 38	1 40	1 42	2 44	3 47	2 50	- 52	3 56
13	28	1 30	- 31	1 33	- 34	3 36	2 38	2 40	2 43	- 45	2 48	1 51
12	25	- 26	1 27	3 29	1 31	- 32	3 34	2 36	2 38	2 41	- 43	2 46
11	21	3 23	- 24	1 25	2 27	- 28	3 30	2 32	1 34	1 36	2 38	2 41
10	19	- 20	- 21	- 22	- 23	2 24	3 26	2 28	1 30	- 32	- 34	1 36
9	16	1 17	- 18	- 18	3 19	3 21	- 22	2 23	3 25	2 27	2 29	1 31
8	13	2 14	1 15	- 15	3 16	3 17	2 18	3 20	- 21	1 23	- 24	3 26
7	11	- 11	2 12	1 13	- 13	3 14	2 15	1 16	1 17	1 18	3 20	1 21
6	8	2 8	3 9	2 9	3 10	2 11	2 12	1 13	- 13	3 14	3 16	- 17
5	6	1 6	2 7	- 7	1 7	3 8	1 9	- 9	3 10	- 11	1 12	- 12
4	4	2 4	3 5	- 5	1 5	3 5	3 6	1 6	2 7	- 7	3 8	1 8
3	2	3 3	1 3	1 3	2 3	2 4	- 4	- 4	1 4	2 5	- 5	1 5
2	1	1 1	2 1	3 1	3 2	- 2	- 2	1 2	1 2	2 2	3 3	- 3
1	-	2	- 2	2	- 2	2	- 2	3	- 3	3	- 3	3

The 74 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	32	31	30	29	28	27	26	25	24	23	22	21
32	74	-										
31	73	2 74	-									
30	72	2 73	2 74	-								
29	71	- 72	2 73	2 74	-							
28	69	2 71	- 72	1 73	2 74	-						
27	67	3 69	1 70	3 72	1 73	2 74	-					
26	65	3 67	2 69	- 70	2 72	1 73	2 74	-				
25	63	2 65	1 67	1 68	3 70	2 72	- 73	1 74	-			
24	60	3 62	3 64	3 67	- 68	2 70	1 72	- 73	1 74	-		
23	58	1 60	1 62	- 64	1 66	2 68	- 70	- 71	3 73	1 74	-	
22	55	2 57	2 59	1 61	2 64	- 66	- 68	- 69	3 71	2 73	1 74	-
21	52	2 54	3 56	2 58	2 60	3 63	1 65	2 67	2 69	2 71	2 73	- 74
20	49	3 51	3 53	2 55	3 58	- 60	- 62	2 64	3 67	1 69	1 71	1 73
19	46	3 48	2 50	2 52	2 54	3 57	- 59	1 61	2 64	1 66	3 68	3 71
18	43	2 45	1 47	1 49	1 51	2 53	3 56	1 58	2 60	3 63	3 66	- 68
17	40	- 41	3 43	3 45	3 48	- 50	1 52	2 55	- 57	2 60	- 62	2 65
16	37	- 38	2 40	1 42	1 44	1 46	2 48	3 51	1 53	2 56	1 58	3 61
15	33	3 35	2 37	- 38	3 40	3 42	2 44	3 47	1 49	2 52	1 54	3 57
14	30	2 32	- 33	2 35	1 37	- 38	3 41	- 43	- 45	2 48	- 50	2 53
13	27	1 28	3 30	1 31	3 33	1 35	1 37	- 39	- 41	1 43	2 46	- 49
12	24	1 25	1 26	2 28	1 29	3 31	2 33	- 35	- 37	- 39	- 41	2 44
11	21	1 22	1 23	1 24	2 26	- 27	1 29	1 31	- 32	3 34	3 37	- 39
10	18	1 19	1 20	1 21	1 22	2 23	3 25	1 26	3 28	2 30	2 32	2 34
9	15	2 16	2 17	1 18	1 19	- 20	1 21	2 22	3 24	1 26	- 28	- 29
8	13	1 13	2 14	2 15	1 16	- 17	- 17	3 19	- 20	1 21	2 23	2 25
7	10	2 11	1 11	3 12	2 13	1 13	3 14	3 15	2 16	2 17	2 19	1 20
6	8	1 8	2 9	- 9	3 10	- 10	3 11	2 12	2 13	1 14	- 15	1 16
5	6	- 6	2 6	3 7	- 7	1 7	3 8	1 9	- 9	3 10	1 11	1 12
4	4	2 4	3 4	3 5	- 5	1 5	3 5	3 6	2 6	3 7	- 7	3 8
3	2	3 3	- 3	1 3	1 3	2 3	2 4	- 4	1 4	1 4	3 5	- 5
2	1	1 1	2 1	2 1	3 1	3 2	- 2	- 2	1 2	1 2	2 2	3 3
1	-	2	2	2	2	2	2	3	- 3	3	3	3

The 75 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	32	31	30	29	28	27	26	25	24	23	22	21
32	75	-										
31	74	2 75	-									
30	73	2 74	2 75	-								
29	72	- 73	1 74	2 75	-							
28	70	1 72	- 73	1 74	2 75	-						
27	68	3 70	1 71	3 73	1 74	2 75	-					
26	66	3 68	2 70	- 71	2 73	1 74	2 75	-				
25	64	2 66	1 68	- 69	3 71	2 73	- 74	1 75	-			
24	61	2 63	2 65	3 67	3 69	2 71	1 73	- 74	1 75	-		
23	59	- 61	- 62	3 65	1 67	2 69	- 71	- 72	3 74	1 75	-	
22	56	2 58	1 60	1 62	2 64	3 67	- 69	- 70	3 72	2 74	1 75	-
21	53	1 55	2 57	1 59	2 61	2 64	- 66	2 68	2 70	2 72	2 74	- 75
20	50	1 52	2 54	1 56	1 58	3 60	3 63	1 65	3 68	- 70	- 72	- 74
19	47	1 49	- 51	- 53	1 55	2 57	3 60	- 62	1 65	- 67	2 69	3 72
18	44	- 45	3 47	3 49	3 52	1 54	2 56	3 59	1 61	2 64	2 67	- 69
17	40	2 42	2 44	1 46	2 48	3 51	- 53	1 55	2 58	1 60	3 63	2 66
16	37	2 39	- 40	3 42	3 44	3 47	1 49	2 52	- 54	1 57	- 59	2 62
15	34	1 36	- 37	2 39	1 41	1 43	1 45	2 47	3 50	1 53	- 55	2 58
14	31	- 32	1 34	- 35	3 37	2 39	1 41	2 43	2 46	- 48	3 51	1 54
13	27	3 29	1 30	3 32	1 33	3 35	2 37	2 39	2 41	3 44	- 46	3 49
12	24	2 25	3 27	- 28	2 30	1 31	3 33	2 35	2 37	2 39	2 42	- 44
11	21	2 22	2 23	3 25	- 26	1 27	2 29	2 31	2 33	- 35	1 37	2 39
10	18	2 19	2 20	2 21	2 22	3 24	- 25	2 27	1 28	3 30	3 33	- 35
9	15	3 16	3 17	2 18	2 19	1 20	2 21	3 23	- 24	2 26	1 28	1 30
8	13	2 13	3 14	3 15	2 16	1 17	1 18	1 19	1 20	2 22	- 23	3 25
7	10	2 11	1 12	- 12	3 13	2 14	- 15	- 15	3 16	3 18	- 19	2 20
6	8	1 8	3 9	- 9	3 10	1 10	3 11	3 12	2 13	1 14	1 15	2 16
5	6	- 6	2 6	3 7	1 7	2 8	- 8	2 9	1 10	- 10	2 11	2 12
4	4	2 4	3 5	- 5	1 5	2 5	3 6	- 6	2 6	3 7	1 8	- 8
3	2	3 3	- 3	1 3	2 3	2 3	3 4	- 4	1 4	2 4	3 5	1 5
2	1	1 1	2 1	2 1	3 1	3 2	- 2	- 2	1 2	1 2	2 2	3 3
1	-	2 -	2 -	2 -	2 -	2 -	3 -	- 3	- 3	- 3	1 -	- 1

The 76 Gallon Calk, whose Bung Diameter dips in Inches, viz.

	32	31	30	29	28	27	26	25	24	23	22	21
32	76	-										
31	75	2 76	-									
30	74	2 75	2 76	-								
29	73	- 74	1 75	2 76	-							
28	71	1 73	- 74	1 75	2 76	-						
27	69	2 71	- 72	3 74	1 75	2 76	-					
26	67	2 69	2 70	3 72	2 74	1 75	2 76	-				
25	65	1 67	- 69	- 70	3 72	2 74	- 75	1 76	-			
24	62	2 64	1 66	2 68	2 70	2 72	1 73	3 75	1 76	-		
23	59	3 61	3 63	2 66	- 68	1 70	- 72	- 73	2 75	1 76	-	
22	57	1 59	- 61	- 63	1 65	3 67	3 70	- 71	3 73	2 75	1 76	-
21	54	- 56	1 58	1 60	- 62	2 65	- 67	1 69	2 71	2 73	2 75	- 76
20	51	- 53	1 55	- 57	- 59	2 61	2 64	1 66	2 69	- 71	- 73	- 75
19	47	3 49	3 51	3 54	- 56	1 58	2 61	- 63	1 66	- 68	2 70	3 73
18	44	1 46	2 48	2 50	2 53	- 55	1 57	3 60	- 62	2 65	2 68	- 70
17	41	1 43	- 44	3 47	1 49	1 51	2 54	- 56	1 59	- 61	2 64	2 67
16	38	- 39	2 41	1 43	1 45	2 47	3 50	1 52	2 55	- 57	3 60	2 63
15	34	3 36	2 38	- 39	3 41	3 43	3 46	- 48	2 51	- 53	3 56	1 59
14	31	2 32	3 34	2 36	1 38	- 39	3 42	- 44	1 46	3 49	1 52	- 55
13	28	- 29	2 31	1 32	3 34	1 36	- 38	- 40	- 42	1 44	3 47	2 50
12	24	3 26	- 27	1 28	3 30	2 32	1 34	- 36	- 38	- 40	1 42	2 45
11	21	3 22	3 24	- 25	1 26	3 28	- 30	- 31	3 33	2 35	3 38	- 40
10	18	3 19	3 20	3 21	3 23	- 24	2 25	3 27	2 29	1 31	1 33	1 35
9	16	- 17	- 17	2 18	3 19	2 20	3 22	- 23	2 24	3 26	2 28	2 30
8	13	2 14	- 14	3 15	3 16	2 17	2 18	1 19	2 20	3 22	1 24	- 25
7	10	3 11	2 12	- 12	3 13	2 14	1 15	- 16	- 17	- 18	- 19	3 21
6	8	1 8	3 9	1 9	3 10	1 11	- 11	3 12	3 13	2 14	2 15	2 16
5	6	1 6	2 6	3 7	1 7	2 8	- 8	2 9	1 10	- 10	2 11	2 12
4	4	2 4	3 5	- 5	1 5	2 6	- 6	- 6	2 7	- 7	1 8	- 8
3	2	3 3	- 3	1 3	2 3	2 3	3 4	- 4	1 4	2 4	3 5	1 5
2	1	2 1	2 1	2 1	3 1	3 2	- 2	- 2	1 2	1 2	2 2	3 3
1	-	2 -	2 -	2 -	2 -	2 -	3 -	- 3	- 3	- 3	1 -	- 1

The 77 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	32	31	30	29	28	27	26	25	24	23	22	21
32	77	-										
31	76	2 77	-									
30	75	2 76	2 77	-								
29	74	- 75	1 76	2 77	-							
28	72	- 73	3 75	1 76	2 77	-						
27	70	2 72	- 73	2 75	1 76	2 77	-					
26	68	1 70	2 71	3 73	2 75	1 76	2 77	-				
25	66	1 68	- 70	- 71	3 73	2 75	- 76	1 77	-			
24	63	1 65	1 67	2 69	2 71	2 73	1 74	3 76	1 77	-		
23	60	3 62	2 64	2 67	- 69	1 70	3 73	- 74	2 76	1 77	-	
22	57	3 59	3 61	3 64	- 66	3 68	3 71	- 72	3 74	2 76	1 77	-
21	54	3 57	- 58	3 61	1 63	1 65	3 68	1 70	2 72	1 74	2 76	- 77
20	51	3 54	- 55	3 58	- 60	2 62	2 65	- 67	2 70	- 72	- 74	- 76
19	48	2 50	2 52	2 54	3 57	- 59	1 61	3 64	- 67	- 69	2 71	2 74
18	45	- 47	1 49	- 51	1 53	3 56	- 58	2 60	3 63	1 66	2 68	3 71
17	41	3 43	2 45	2 47	3 50	- 52	1 54	3 57	- 59	3 62	1 65	1 68
16	38	2 40	1 41	3 43	3 46	1 48	2 50	3 53	1 55	3 58	2 61	1 64
15	35	1 36	3 38	2 40	1 42	1 44	1 46	3 49	- 51	3 54	2 57	- 60
14	32	- 33	1 35	- 36	3 38	2 40	2 42	2 44	3 47	2 50	- 52	3 55
13	28	1 29	3 31	2 33	1 34	3 36	2 38	2 40	3 42	3 45	1 48	- 51
12	25	- 26	1 27	3 29	1 30	3 32	3 34	2 36	1 38	2 40	3 43	- 46
11	22	- 23	- 24	1 25	2 27	- 28	1 30	1 32	1 34	1 36	- 38	2 40
10	19	- 20	- 21	- 22	- 23	1 24	3 26	1 28	- 29	2 31	3 33	3 36
9	16	1 17	- 17	3 19	- 19	3 21	- 22	1 23	3 25	- 27	- 29	- 30
8	13	3 14	1 15	- 15	3 16	2 17	3 18	2 19	3 21	1 22	2 24	1 26
7	10	3 11	2 12	1 13	- 13	3 14	2 15	1 16	1 17	1 18	1 20	- 21
6	8	2 8	3 9	1 10	- 10	1 11	- 12	- 13	- 13	2 14	2 15	3 16
5	6	1 6	2 7	- 7	2 7	2 8	1 8	3 9	2 10	- 10	2 11	3 12
4	4	2 4	3 5	- 5	1 5	2 6	- 6	- 6	2 7	- 7	2 8	1 8
3	2	3 3	- 3	1 3	2 3	2 3	3 4	- 4	1 4	2 4	3 5	1 5
2	1	2 1	2 1	2 1	3 1	3 1	2 2	- 2	1 2	1 2	2 2	3 3
1	-	2	-	2	-	2	-	3	-	3	-	1

The 78 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	32	31	30	29	28	27	26	25	24	23	22	21
32	78	-										
31	77	2 78	-									
30	76	2 77	2 78	-								
29	75	- 76	1 77	2 78	-							
28	73	- 74	3 76	1 77	2 78	-						
27	71	2 73	- 74	2 76	1 77	2 78	-					
26	69	1 71	1 72	3 74	2 76	1 77	1 78	-				
25	67	- 68	3 71	- 72	2 74	2 76	- 77	1 78	-			
24	64	- 66	- 68	1 70	2 72	1 74	1 75	3 77	1 78	-		
23	61	2 63	1 65	2 67	3 70	1 71	3 73	3 75	2 77	1 78	-	
22	58	2 60	3 62	3 65	- 67	2 69	3 72	- 73	3 75	2 77	1 78	-
21	55	2 57	3 59	2 62	- 64	- 66	3 69	- 71	1 73	1 75	1 77	- 78
20	52	2 54	3 56	2 58	3 61	1 63	1 66	- 68	1 71	- 73	- 75	- 77
19	49	1 51	1 53	1 55	2 57	3 60	- 62	2 64	3 67	3 70	2 72	2 74
18	45	2 47	3 49	3 52	- 54	2 56	3 59	1 61	2 64	1 67	1 69	3 72
17	42	1 44	1 46	- 48	2 50	3 53	- 55	2 57	3 60	2 63	1 66	- 69
16	39	- 40	3 42	2 44	2 46	3 49	- 51	2 54	- 56	2 59	2 62	- 65
15	35	3 37	1 39	- 40	3 42	3 45	- 47	1 49	3 52	2 55	1 57	3 61
14	32	2 33	2 35	- 37	1 39	- 41	- 43	1 45	2 48	- 50	3 53	2 56
13	28	3 30	1 32	- 33	2 35	1 37	- 39	- 41	1 43	1 46	- 48	2 51
12	25	1 26	2 28	- 29	2 31	1 33	- 34	3 36	3 39	- 41	1 43	3 46
11	22	1 23	1 24	2 25	3 27	1 28	3 30	3 32	2 34	3 36	2 39	- 41
10	19	1 20	1 21	1 22	1 23	2 25	- 26	2 28	1 30	- 32	- 34	1 36
9	16	2 17	1 18	- 19	1 20	- 21	1 22	2 24	- 25	1 27	1 29	1 31
8	14	- 14	2 15	1 16	- 16	3 18	- 18	3 20	- 21	2 22	3 24	2 26
7	11	- 11	3 12	1 13	- 13	3 14	2 15	2 16	2 17	2 18	2 20	1 21
6	8	2 9	- 9	2 10	- 10	2 11	1 12	- 13	3 14	3 16	- 17	- 17
5	6	1 6	3 7	- 7	2 7	3 8	1 8	3 9	2 10	1 10	3 11	3 12
4	4	2 4	3 5	- 5	1 5	2 6	- 6	3 6	3 7	- 7	2 8	1 8
3	3	- 3	1 3	1 3	2 3	3 3	4 3	- 4	1 4	2 5	- 5	1 5
2	1	2 1	2 1	3 1	3 1	3 2	- 2	- 2	1 2	2 2	2 3	- 3
1	-	2 -	2 -	2 -	2 -	2 -	3 -	3 -	3 -	3 -	3 1	- 1

The 79 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	32	31	30	29	28	27	26	25	24	23	22	21
32	79	-										
31	78	2 79	-									
30	77	2 78	2 79	-								
29	76	- 77	1 78	2 79	-							
28	74	- 75	3 77	1 78	1 79	-						
27	72	1 74	- 75	2 77	- 78	1 79	-					
26	70	1 72	1 73	2 75	2 77	- 78	1 79	-				
25	67	3 69	3 71	3 73	2 75	1 76	3 78	1 79	-			
24	64	3 67	- 69	1 71	2 73	1 75	- 76	3 78	1 79	-		
23	62	1 64	1 66	1 68	3 71	- 72	3 74	3 76	2 78	1 79	-	
22	59	1 61	2 63	2 65	3 68	1 70	2 72	3 74	2 76	2 78	1 79	-
21	56	1 58	2 60	1 62	3 65	- 67	2 70	- 72	1 74	1 76	1 78	- 79
20	53	- 55	2 57	- 59	1 62	- 64	1 66	3 69	1 71	3 74	- 76	- 78
19	49	3 51	3 53	3 56	- 58	2 60	3 63	1 65	2 68	2 71	1 73	2 75
18	46	- 48	1 50	2 52	2 55	- 57	2 60	- 62	2 65	- 68	- 70	3 73
17	42	3 44	3 46	3 49	- 51	1 53	2 56	- 58	2 61	1 64	- 67	3 70
16	39	2 41	1 43	- 45	- 47	1 49	3 52	1 54	3 57	1 60	- 63	- 66
15	36	1 37	3 39	2 41	1 43	1 45	2 47	3 50	2 53	- 56	- 58	2 61
14	32	3 34	1 35	3 37	3 39	2 41	2 43	3 46	- 48	2 51	1 54	- 57
13	29	1 30	3 32	1 34	- 35	3 37	2 39	2 41	3 43	3 46	2 49	1 52
12	25	3 27	- 28	1 30	- 31	2 33	2 35	1 37	1 39	2 41	3 44	1 47
11	22	2 23	2 25	- 26	1 27	2 29	- 31	1 33	- 35	- 37	- 39	2 41
10	19	2 20	2 21	2 22	3 24	- 25	2 26	3 28	1 30	2 32	2 34	3 37
9	16	3 17	2 18	1 19	2 20	1 21	2 23	- 24	1 25	3 27	2 29	3 31
8	14	1 14	2 15	1 16	1 17	- 18	- 19	- 20	1 21	3 23	- 24	3 26
7	11	1 11	3 12	2 13	1 14	- 14	3 15	3 16	2 17	2 18	3 20	2 22
6	8	2 9	- 9	2 10	1 10	3 11	1 12	1 13	1 14	- 14	3 16	- 17
5	6	2 6	3 7	- 7	2 7	3 8	1 9	- 9	3 10	2 11	- 12	- 13
4	4	3 5	- 5	1 5	2 5	3 6	1 6	1 6	3 7	1 7	2 8	1 9
3	3	- 3	1 3	1 3	2 3	2 3	3 4	- 4	2 4	2 5	- 5	2 5
2	1	2 1	2 1	2 1	3 1	3 2	- 2	1 2	1 2	2 2	3 3	- 3
1	-	2	-	2	-	3	-	3	-	3	-	1

The 80 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	32	31	30	29	28	27	26	25	24	23	22	21
32	80	-										
31	79	280	-									
30	78	179	280	-								
29	76	378	179	280	-							
28	74	376	378	-79	280	-						
27	73	174	376	278	-79	180	-					
26	71	-73	-74	276	178	-79	180	-				
25	68	370	272	374	276	177	379	180	-			
24	65	267	370	-72	174	176	-77	379	180	-		
23	63	-65	-67	-69	272	-73	375	377	279	180	-	
22	60	-62	164	166	269	171	273	375	277	279	180	-
21	57	-59	161	163	265	368	170	373	175	-77	-79	-80
20	53	256	-57	360	-62	365	-67	270	-72	274	377	-79
19	50	252	254	256	359	-61	264	-66	269	172	-74	276
18	47	-49	-51	-53	155	358	-60	363	165	368	371	274
17	43	145	147	149	252	-54	156	359	162	-64	367	271
16	40	-41	343	245	248	-50	152	355	258	-61	-63	266
15	36	338	140	-41	343	346	-48	251	-53	256	259	162
14	33	-34	336	138	140	-42	-44	146	249	152	-54	357
13	29	231	-32	334	136	138	-40	-42	144	247	-49	353
12	26	127	228	330	132	-34	-35	337	340	-42	144	347
11	22	324	-25	126	228	-29	231	233	235	137	340	-42
10	19	320	321	323	-24	125	327	129	-30	332	335	137
9	17	-17	318	219	320	321	323	124	226	-28	-30	132
8	14	114	315	216	217	118	119	120	222	-23	225	127
7	11	112	-12	313	114	115	-16	-16	318	-19	-20	322
6	8	39	19	310	110	311	212	213	214	115	116	117
5	6	27	-7	17	38	-8	29	-9	310	211	112	113
4	4	35	-5	15	25	36	16	16	37	17	38	29
3	3	-3	13	13	23	34	4	4	24	35	15	25
2	1	21	21	21	31	32	-2	12	12	22	33	33
1	-	2	-2	-2	-2	3	-3	3	-3	3	-3	-1

The 81 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	32	31	30	29	28	27	26	25	24	23	22	21
32	81	-										
31	80	281	-									
30	79	180	281	-								
29	77	379	180	281	-							
28	75	377	379	180	181	-						
27	74	175	377	179	180	181	-					
26	71	374	75	277	179	180	181	-				
25	69	271	273	275	177	178	380	181	-			
24	66	268	271	73	75	77	78	380	181	-		
23	63	365	367	370	172	374	376	378	280	181	-	
22	60	363	65	67	170	72	174	276	278	180	81	-
21	57	259	362	64	166	269	171	374	76	78	80	81
20	54	156	358	260	363	265	368	171	73	275	377	380
19	51	53	55	157	259	362	164	367	170	173	75	177
18	47	149	251	254	56	258	361	264	66	269	272	175
17	43	345	347	350	52	255	57	260	62	365	268	271
16	40	242	144	46	48	251	53	256	58	261	264	267
15	37	138	340	242	144	246	249	51	254	157	160	63
14	33	235	36	338	340	242	244	347	49	352	255	258
13	29	331	233	34	336	238	240	242	345	47	350	253
12	26	227	329	130	332	234	236	138	140	242	345	148
11	23	24	125	226	328	229	332	34	35	338	140	242
10	20	21	22	23	124	226	27	229	231	133	135	338
9	17	118	18	320	21	22	123	225	26	128	230	232
8	14	215	15	316	317	218	219	220	322	123	325	227
7	11	212	113	214	215	11	116	117	118	119	221	222
6	9	9	19	310	211	11	312	313	314	215	116	217
5	6	27	7	17	38	18	29	110	10	311	112	213
4	4	35	5	15	35	36	16	17	7	27	38	29
3	3	3	13	23	23	4	4	14	4	35	15	26
2	1	21	21	22	2	2	2	12	12	22	33	3
1	1	2	2	2	3	3	3	3	3	1	1	1

The 82 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	32	31	30	29	28	27	26	25	24	23	22	21
32	82	-										
31	81	2 82	-									
30	80	1 81	2 82	-								
29	78	3 80	1 81	2 82	-							
28	76	3 78	2 80	- 81	1 82	-						
27	75	- 76	2 78	1 80	- 81	1 82	-					
26	72	3 74	3 76	1 78	- 80	- 81	1 82	-				
25	70	2 72	1 74	2 76	1 78	- 79	3 81	1 82	-			
24	67	1 69	1 71	3 74	- 76	- 77	3 79	3 81	1 82	-		
23	64	2 66	2 68	2 71	1 73	2 75	2 77	2 79	2 81	1 82	-	
22	61	2 63	3 65	3 68	- 70	3 73	1 75	2 77	2 79	1 81	- 82	-
21	58	1 60	2 62	3 65	- 67	1 70	- 72	2 75	- 77	- 79	- 81	- 82
20	55	- 57	1 59	1 61	2 64	1 66	2 69	1 71	3 74	2 76	2 78	3 81
19	51	2 53	3 55	3 58	1 60	2 62	3 65	2 68	- 71	- 74	- 76	- 78
18	48	- 50	1 52	1 54	2 57	- 59	2 62	1 64	3 67	1 70	2 73	1 76
17	44	1 46	2 48	2 50	3 53	1 55	2 58	1 60	3 63	2 66	2 69	1 72
16	41	- 42	3 44	2 46	3 49	- 51	2 54	- 56	2 59	1 62	1 65	- 68
15	37	3 39	1 41	- 42	3 45	- 47	1 49	2 52	1 55	- 58	- 60	2 64
14	33	3 35	1 37	1 39	1 41	- 43	- 45	1 47	3 50	2 53	1 56	- 59
13	30	1 31	3 33	2 35	1 37	- 39	- 41	- 43	1 45	2 48	1 51	- 54
12	26	3 28	- 29	2 31	1 33	- 34	3 36	3 38	3 41	- 43	1 45	3 49
11	23	1 24	2 26	- 27	1 28	3 30	1 32	2 34	1 36	2 38	3 41	- 43
10	20	1 21	1 22	2 23	2 24	3 26	2 28	- 29	3 31	2 33	3 36	1 38
9	17	2 18	1 19	- 20	1 21	1 22	2 23	3 25	2 26	2 28	3 30	3 33
8	14	3 15	1 16	- 17	- 17	3 19	- 19	3 21	- 22	3 24	- 25	3 27
7	11	2 12	2 13	- 13	3 14	2 15	1 16	1 17	1 18	2 19	2 21	2 22
6	9	- 9	2 10	- 10	3 11	1 11	3 12	3 14	- 14	2 15	2 16	3 18
5	6	3 7	- 7	2 8	- 8	1 8	3 9	1 10	- 11	- 11	2 12	2 13
4	5	- 5	1 5	2 5	3 6	- 6	1 6	2 7	- 7	2 8	- 8	3 9
3	3	- 3	1 3	2 3	3 3	3 4	- 4	1 4	2 4	3 5	2 5	3 6
2	1	2 1	2 1	2 2	- 2	- 2	1 2	1 2	2 2	3 3	- 3	1 3
1	-	2	-	2	-	3	-	3	-	3	1	-

The 83 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	32	31	30	29	28	27	26	25	24	23	22	21
32	83	-										
31	82	2 83	-									
30	81	1 82	2 83	-								
29	79	3 81	1 82	2 83	-							
28	77	3 79	2 81	- 82	1 83	-						
27	76	- 77	2 79	1 81	- 82	1 83	-					
26	73	2 75	3 77	1 79	- 81	- 82	1 83	-				
25	71	1 73	1 75	1 77	1 79	- 80	3 82	1 83	-			
24	68	- 70	1 72	2 75	- 77	- 78	3 80	3 82	1 83	-		
23	65	1 67	2 69	2 72	- 74	2 76	2 78	2 80	2 82	1 83	-	
22	62	1 64	2 66	2 68	3 71	3 74	- 76	1 78	1 80	1 82	- 83	-
21	59	- 61	2 63	2 65	3 68	- 70	3 73	2 75	3 78	- 80	- 82	- 83
20	55	2 58	- 60	- 62	1 65	- 67	1 70	- 72	2 75	2 77	2 79	3 82
19	52	1 54	1 56	2 58	3 61	1 63	2 66	2 68	3 72	- 75	- 77	- 79
18	48	2 50	3 53	- 55	1 57	3 60	1 63	- 65	2 68	- 71	2 74	- 77
17	44	3 47	- 49	- 51	2 53	3 56	1 59	- 61	2 64	2 67	1 70	1 73
16	41	2 43	1 45	- 47	1 49	3 52	1 54	3 57	1 60	- 63	- 66	- 69
15	38	1 39	3 41	2 43	1 45	2 47	3 50	1 53	- 55	2 58	2 61	2 64
14	34	1 35	3 37	3 39	3 41	2 43	2 45	3 48	1 51	- 53	3 56	3 60
13	30	2 32	1 34	- 35	3 37	2 39	2 41	2 43	3 46	- 48	3 51	3 54
12	27	1 28	2 29	3 31	2 33	1 35	1 37	1 39	1 41	2 43	3 46	2 49
11	23	2 24	3 26	1 27	2 29	1 30	2 32	3 34	3 37	- 39	1 41	2 43
10	20	2 21	2 22	3 24	- 25	1 26	3 28	1 30	- 32	- 34	1 36	2 39
9	17	3 18	2 19	1 20	2 21	2 22	3 24	- 25	3 27	- 29	- 31	- 33
8	15	- 15	2 16	1 17	1 18	- 19	1 20	- 21	1 23	- 24	1 26	1 28
7	11	3 12	2 13	1 14	- 14	3 15	2 16	2 17	2 18	2 19	3 21	2 23
6	9	1 9	2 10	1 10	3 11	1 12	- 13	- 14	1 14	3 15	3 17	- 18
5	6	3 7	- 7	2 8	- 8	2 8	3 9	2 10	- 11	- 11	2 12	3 14
4	5	- 5	1 5	2 5	3 6	- 6	2 6	2 7	1 7	2 8	- 8	3 9
3	3	- 3	1 3	2 3	3 4	- 4	1 4	1 4	2 5	- 5	2 5	3 6
2	1	2 1	2 1	2 2	- 2	- 2	1 2	1 2	1 2	2 3	- 3	1 3
1	-	2	-	2	-	3	-	3	-	3	1	-

The 84 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	32	31	30	29	28	27	26	25	24	23	22	21
32	84	-										
31	83	2 84	-									
30	82	1 83	2 84	-								
29	80	3 82	1 83	2 84	-							
28	78	3 80	2 82	- 83	1 84	-						
27	77	- 78	2 80	1 82	- 83	1 84	-					
26	74	2 76	3 78	1 80	- 82	- 83	1 84	-				
25	72	- 74	- 76	1 78	- 80	- 81	3 83	1 84	-			
24	68	3 71	1 73	2 75	3 77	3 79	3 81	3 83	1 84	-		
23	66	- 68	1 70	1 73	- 75	2 77	2 79	2 81	2 83	- 84	-	
22	63	- 65	1 67	2 69	3 72	2 75	- 77	1 79	1 81	1 83	- 84	-
21	59	3 62	1 64	1 66	2 69	- 71	3 74	1 76	3 79	- 81	- 83	- 84
20	56	1 58	3 60	3 63	- 65	3 68	- 71	- 73	2 76	1 78	2 80	3 83
19	52	3 55	- 57	1 59	2 62	- 64	1 67	1 69	2 72	3 75	3 78	- 80
18	49	- 51	2 53	2 56	- 58	2 61	- 63	3 66	2 69	- 72	1 75	- 77
17	45	2 47	2 49	2 52	- 54	2 57	- 59	2 62	1 65	1 68	- 71	- 74
16	42	- 43	3 45	2 47	3 50	1 52	3 55	2 58	- 60	3 64	- 67	- 70
15	38	2 40	1 42	- 43	3 46	- 48	1 51	- 53	2 56	1 59	1 62	- 65
14	34	3 36	1 38	1 40	1 42	- 44	- 46	2 48	3 51	3 54	2 57	2 60
13	31	1 32	2 34	2 36	- 38	- 40	- 42	- 44	1 46	3 49	2 52	1 55
12	27	2 28	3 30	1 32	- 33	3 35	3 37	2 39	3 42	- 44	2 47	- 50
11	23	3 25	1 26	2 27	3 29	2 31	- 33	- 35	1 37	1 39	2 42	- 44
10	20	3 21	3 23	- 24	1 25	2 27	- 28	2 30	2 32	1 34	2 37	- 39
9	18	- 18	3 19	2 20	3 21	3 23	- 24	2 26	- 27	1 29	2 31	2 33
8	15	1 15	2 16	2 17	2 18	1 19	2 20	1 21	2 23	1 24	3 26	2 28
7	11	3 12	2 13	2 14	1 15	- 15	3 16	3 17	2 18	3 20	- 21	3 23
6	9	1 9	3 10	1 11	- 11	2 12	1 13	- 14	1 15	- 16	- 17	- 18
5	6	3 7	1 7	3 8	- 8	2 9	- 9	2 10	- 11	1 11	3 12	3 14
4	5	- 5	1 5	2 6	- 6	- 6	2 6	3 7	1 7	3 8	1 9	- 9
3	3	- 3	2 3	2 3	3 4	- 4	1 4	2 4	3 5	- 5	2 6	- 6
2	1	2 1	2 1	2 2	- 2	- 2	1 2	1 2	1 2	2 3	- 3	1 3
1	-	2	2	2	3	3	3	3	3	3	1	1

The 85 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	32	31	30	29	28	27	26	25	24	23	22	21
32	85	-										
31	84	2 85	-									
30	83	1 84	2 85	-								
29	81	3 83	1 84	2 85	-							
28	79	2 81	2 83	- 84	1 85	-						
27	77	3 79	2 81	1 83	- 84	1 85	-					
26	75	1 77	2 79	1 81	- 83	- 84	1 85	-				
25	73	- 75	- 77	- 79	- 81	- 82	3 84	1 85	-			
24	69	2 72	- 74	2 76	3 78	3 80	3 82	2 84	1 85	-		
23	66	3 69	- 71	1 73	3 76	1 78	2 80	2 82	2 84	- 85	-	
22	63	3 66	- 68	1 70	2 73	2 76	- 78	1 80	1 82	1 84	- 85	-
21	60	2 63	- 65	- 67	1 69	3 72	2 75	1 77	3 80	- 82	- 84	- 85
20	57	- 59	2 61	2 63	3 66	2 69	- 71	3 74	1 77	- 79	2 81	3 84
19	53	2 55	3 58	- 60	1 62	3 65	2 68	- 70	2 73	3 76	2 79	- 81
18	49	2 52	- 54	1 56	2 59	1 61	3 64	2 67	1 69	3 73	1 76	- 78
17	46	- 48	- 50	1 52	3 55	1 57	2 60	1 63	- 66	- 68	2 72	- 75
16	42	2 44	1 46	1 48	2 51	- 53	2 56	- 58	3 61	2 64	3 67	2 70
15	39	- 40	3 42	2 44	2 46	3 49	- 51	2 54	1 57	- 60	- 63	- 66
14	35	1 36	3 38	3 40	2 42	2 44	2 47	- 49	2 52	1 55	1 58	- 61
13	31	2 33	- 34	3 36	2 38	1 40	2 42	2 44	3 47	1 50	- 53	- 56
12	27	3 29	- 30	2 32	1 34	- 36	- 38	- 40	1 42	2 45	- 47	2 51
11	24	- 25	2 26	3 28	1 29	3 31	1 33	2 35	2 37	3 40	- 42	2 45
10	21	- 22	- 23	1 24	2 25	3 27	2 29	- 30	3 32	3 35	- 37	2 40
9	18	1 19	- 19	3 21	- 22	- 23	1 24	3 26	1 27	3 29	3 32	- 34
8	15	2 15	3 16	3 17	2 18	2 19	2 20	2 21	3 23	2 25	- 26	3 28
7	12	- 12	3 13	2 14	1 15	1 15	3 17	- 17	3 19	- 20	1 22	- 23
6	9	2 9	3 10	2 11	- 11	2 12	1 13	1 14	2 15	1 16	1 17	2 18
5	7	- 7	1 7	3 8	1 8	3 9	- 9	3 10	1 11	1 11	3 13	- 14
4	5	1 5	1 5	3 6	- 6	1 6	2 6	3 7	1 7	3 8	1 9	- 9
3	3	1 3	2 3	3 3	4 4	- 4	1 4	2 4	3 5	- 5	2 6	- 6
2	1	2 1	2 1	2 2	- 2	- 2	1 2	1 2	1 2	3 3	- 3	1 3
1	-	2 -	2 -	3 -	3 -	3 -	3 -	3 -	3 -	3 1	- 1	- 1

The 86 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	32	31	30	29	28	27	26	25	24	23	22	21
32	86	-										
31	85	2 86	-									
30	84	1 85	2 86	-								
29	82	2 84	1 85	2 86	-							
28	80	2 82	2 84	- 85	1 86	-						
27	78	3 80	1 82	1 84	- 85	1 86	-					
26	76	1 78	2 80	1 82	- 84	- 85	1 86	-				
25	73	3 75	3 78	- 80	- 82	- 83	3 85	1 86	-			
24	70	2 72	3 75	1 77	2 79	3 81	3 83	2 85	1 86	-		
23	67	2 69	3 72	- 74	3 77	1 79	1 81	2 83	2 85	1 86	-	
22	64	2 66	3 69	- 71	2 74	1 76	3 79	- 81	1 83	1 85	- 86	-
21	61	1 63	3 65	3 68	- 70	2 73	2 76	- 78	2 81	- 83	- 85	- 86
20	57	3 60	1 62	1 64	2 67	1 69	3 72	2 75	1 78	- 80	2 82	3 85
19	54	1 56	1 58	2 61	- 63	2 66	1 68	3 71	2 74	2 77	2 80	- 82
18	50	1 52	2 55	- 57	1 59	3 62	2 65	1 68	- 70	2 74	- 76	3 79
17	46	2 48	3 50	3 53	1 55	3 58	1 61	- 63	3 66	3 69	2 72	3 76
16	43	- 44	3 46	3 49	- 51	2 54	- 56	3 59	2 62	1 65	2 68	1 71
15	39	2 41	1 43	- 45	- 47	1 49	2 52	1 55	- 57	2 60	3 63	3 67
14	35	2 37	- 39	- 41	- 43	- 45	- 47	2 50	- 53	- 55	3 58	3 62
13	31	3 33	1 35	1 37	- 38	3 41	- 43	- 45	1 47	3 50	2 53	- 51
12	28	- 29	2 30	3 32	2 34	2 36	2 38	2 40	3 43	- 45	2 48	- 45
11	24	1 25	3 27	1 28	2 30	1 31	3 33	3 36	- 38	1 40	2 43	- 45
10	21	1 22	1 23	2 24	3 26	1 27	3 29	1 31	- 33	- 35	1 37	3 40
9	18	2 19	1 20	- 21	1 22	1 23	2 25	- 26	2 28	- 30	- 32	3 34
8	15	2 16	- 17	- 17	3 18	3 19	3 20	3 22	- 23	3 25	1 27	1 29
7	12	1 13	- 13	3 14	2 15	1 16	- 17	1 18	- 19	1 20	2 22	1 23
6	9	2 10	- 10	2 11	1 11	3 12	2 13	2 14	2 15	1 16	1 17	3 18
5	7	- 7	1 7	3 8	1 8	3 9	- 9	3 10	1 11	2 12	- 13	1 14
4	5	1 5	2 5	3 6	- 6	1 6	2 6	3 7	1 7	3 8	2 9	1 9
3	3	1 3	2 3	2 3	3 4	- 4	1 4	2 4	3 5	- 5	2 6	1 6
2	1	2 1	2 1	2 1	3 2	- 2	1 2	1 2	2 2	3 3	- 3	1 3
1	-	2	-	2	-	3	-	3	-	3	-	-

The 87 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	32	31	30	29	28	27	26	25	24	23	22	21
32	87	-										
31	86	2 87	-									
30	85	1 86	2 87	-								
29	83	2 85	- 86	2 87	-							
28	81	2 83	2 85	- 86	1 87	-						
27	79	2 81	1 83	1 85	- 86	1 87	-					
26	77	- 79	2 81	- 83	- 85	- 86	1 87	-				
25	74	2 76	3 79	- 81	- 83	- 84	3 86	1 87	-			
24	71	1 73	2 76	1 78	2 80	3 82	3 84	2 86	1 87	-		
23	68	2 70	2 73	- 75	2 78	- 80	1 82	2 84	2 86	1 87	-	
22	65	1 67	2 69	3 72	1 75	1 77	3 80	- 82	1 84	1 86	- 87	-
21	61	3 64	2 66	2 69	- 71	2 74	1 77	- 79	2 82	- 84	- 86	- 87
20	58	2 61	- 63	- 65	1 68	- 70	2 73	2 76	- 79	- 81	2 83	3 86
19	54	3 57	- 59	1 61	3 64	1 67	- 69	3 72	1 75	2 78	2 81	- 83
18	51	- 53	1 55	2 58	- 60	2 63	1 66	- 68	3 71	2 75	- 77	3 80
17	47	1 49	1 51	2 54	- 56	2 59	- 61	3 64	2 67	2 70	2 73	2 77
16	43	2 45	1 47	1 49	2 52	1 54	3 57	2 60	- 63	- 66	1 69	1 72
15	39	3 41	3 43	2 45	2 47	3 50	1 52	3 55	2 58	1 61	2 64	2 68
14	36	- 37	2 39	2 41	2 43	2 45	3 48	- 50	2 53	- 56	2 59	2 63
13	32	- 33	2 35	2 37	2 39	1 41	1 43	2 45	3 48	1 51	1 54	1 57
12	28	1 29	3 31	1 33	- 34	3 36	3 39	- 41	1 43	2 46	- 48	3 52
11	24	2 26	- 27	2 28	3 30	2 32	- 34	1 36	2 38	2 41	- 43	2 46
10	21	2 22	2 23	3 25	- 26	2 28	- 29	2 31	2 33	2 35	3 38	1 40
9	18	3 19	2 20	1 21	1 22	2 23	3 25	1 26	3 28	1 30	2 32	3 34
8	15	3 16	1 17	- 18	- 19	- 20	- 21	- 22	1 23	3 25	2 27	2 29
7	12	2 13	1 13	3 14	2 15	2 16	1 17	1 18	1 19	2 20	3 22	2 24
6	9	3 10	- 10	3 11	1 11	3 12	2 13	2 14	3 15	2 16	2 17	3 19
5	7	1 7	2 8	- 8	2 9	- 9	1 10	- 10	1 11	2 12	- 13	2 14
4	5	1 5	2 5	3 6	- 6	1 6	3 7	- 7	2 8	- 8	2 9	1 10
3	3	1 3	2 3	2 4	- 4	- 4	1 4	2 4	3 5	- 5	2 6	- 6
2	1	3 1	2 1	2 2	- 2	- 2	1 2	1 2	2 2	3 3	- 3	1 3
1	-	2 -	2 -	2 -	3 -	3 -	3 -	3 -	3 -	3 1	- 1	- 1

The 89 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	32	31	30	29	28	27	26	25	24	23	22	21
32	89	-										
31	88	2 89	-									
30	87	1 88	2 89	-								
29	85	2 87	- 88	1 89	-							
28	83	2 85	2 87	- 88	1 89	-						
27	81	2 83	1 85	- 87	- 88	1 89	-					
26	79	- 81	1 83	- 85	- 86	3 88	1 89	-				
25	76	2 78	2 80	3 82	3 84	3 86	3 88	1 89	-			
24	73	- 75	2 78	- 80	1 82	2 84	2 86	2 88	- 89	-		
23	70	- 72	1 74	2 77	1 80	- 82	1 84	1 86	1 88	- 89	-	
22	66	3 69	- 71	2 74	- 77	- 79	2 82	- 84	- 86	1 88	- 89	-
21	63	1 66	- 68	- 70	2 73	- 76	- 78	3 81	1 83	3 86	- 88	- 89
20	59	3 62	1 64	2 67	- 69	2 72	1 75	1 77	3 81	- 83	1 85	2 88
19	56	- 58	1 60	2 63	1 65	3 68	2 71	1 74	- 77	- 80	2 82	3 85
18	52	- 54	2 56	3 59	1 62	- 64	3 67	2 70	1 73	1 76	2 79	2 82
17	48	1 50	2 52	2 55	1 57	3 60	1 63	1 66	- 69	- 72	- 75	1 79
16	44	2 46	2 48	2 50	3 53	1 56	- 58	3 61	2 64	2 67	3 71	- 74
15	40	3 42	2 44	2 46	2 48	3 51	1 54	- 56	3 59	2 63	- 66	- 69
14	36	3 38	2 40	1 42	2 44	2 46	3 49	1 51	3 54	3 57	3 61	- 64
13	32	3 34	2 36	2 38	1 40	1 42	1 44	2 47	- 49	2 52	2 55	2 58
12	29	- 30	2 32	- 33	3 35	2 37	3 39	3 42	- 44	2 47	- 50	- 53
11	25	1 26	3 28	- 29	2 31	1 32	3 35	- 37	1 39	2 41	3 44	2 47
10	22	- 23	- 24	1 25	2 27	- 28	3 30	1 32	1 34	1 36	2 39	- 41
9	19	- 19	3 20	3 21	3 23	- 24	1 25	3 27	2 29	- 31	1 33	2 35
8	16	- 16	2 17	2 18	1 19	1 20	2 21	2 22	3 24	2 26	- 28	- 30
7	12	2 13	1 14	1 14	3 15	3 16	2 17	3 18	3 20	- 21	1 23	- 24
6	9	3 10	1 11	- 11	2 12	- 12	3 13	3 15	- 15	3 17	- 18	- 19
5	7	1 7	3 8	- 8	2 9	- 9	2 10	1 10	3 12	- 12	1 13	3 14
4	5	1 5	2 6	- 6	1 6	2 6	3 7	- 7	2 8	- 8	2 9	2 10
3	3	1 3	2 3	3 4	- 4	1 4	2 4	3 5	- 5	1 5	2 6	1 6
2	1	3 1	3 1	3 2	- 2	- 2	1 2	2 2	2 2	3 3	- 3	2 3
1	-	2 -	2 -	2 -	3 -	3 -	3 -	3 -	3 1	- 1	- 1	- 1

The 90 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	32	31	30	29	28	27	26	25	24	23	22	21
32	90	-										
31	89	2 90	-									
30	88	1 89	2 90	-								
29	86	2 88	- 89	2 90	-							
28	84	1 86	1 88	- 89	1 90	-						
27	82	2 84	1 86	- 87	3 89	1 90	-					
26	79	3 82	1 84	- 85	3 87	3 89	1 90	-				
25	77	1 79	2 81	3 83	3 85	3 87	2 89	1 90	-			
24	73	3 76	1 78	3 81	1 83	2 85	2 87	2 89	- 90	-		
23	70	3 73	- 75	2 78	1 81	- 83	- 85	1 87	1 89	- 90	-	
22	67	2 70	- 72	1 74	3 77	3 80	2 83	- 85	- 87	1 89	- 90	-
21	64	- 66	2 68	3 71	2 73	3 77	- 79	3 82	1 84	2 87	- 89	- 90
20	60	2 63	- 65	1 67	2 70	2 73	- 76	- 78	3 82	- 84	1 86	2 89
19	56	3 59	- 61	1 64	- 66	2 69	1 72	- 74	3 78	- 81	1 84	- 86
18	52	3 55	1 57	2 60	- 62	3 65	2 68	1 71	- 74	- 77	2 80	3 83
17	48	3 51	- 53	1 55	3 58	2 61	- 64	- 66	3 70	- 73	- 76	2 79
16	45	- 47	- 49	- 51	2 54	- 56	2 59	1 62	1 65	1 68	2 71	3 75
15	41	1 43	- 45	- 47	- 49	2 51	3 54	2 57	2 60	2 63	2 67	- 70
14	37	1 39	- 40	3 43	- 45	- 47	1 49	3 52	2 55	2 58	2 61	3 65
13	33	- 34	3 36	3 38	2 40	2 42	3 45	- 47	2 50	- 53	- 56	1 59
12	29	1 30	3 32	2 34	1 36	- 38	1 40	1 42	2 45	- 47	3 50	2 53
11	25	3 27	- 28	1 29	3 31	2 33	1 35	1 37	2 39	3 42	1 45	- 48
10	22	1 23	2 24	2 25	3 27	1 29	- 30	2 32	2 34	2 36	3 39	1 41
9	19	1 20	- 21	- 22	- 23	1 24	2 26	- 27	3 29	1 31	2 33	2 36
8	16	1 16	2 17	2 18	2 19	2 20	2 21	3 23	- 24	3 26	1 28	1 29
7	12	3 13	2 14	1 15	- 15	3 16	3 18	- 19	- 20	- 21	2 23	- 24
6	9	3 10	2 11	- 11	2 12	1 13	- 14	- 15	1 16	- 17	- 18	- 19
5	7	1 7	3 8	1 8	2 9	- 9	2 10	1 10	3 12	- 12	2 13	2 14
4	5	2 5	2 6	- 6	1 6	2 7	- 7	- 7	2 8	- 8	2 9	1 10
3	3	2 3	3 3	3 4	- 4	1 4	2 4	3 5	- 5	1 5	3 6	- 6
2	1	3 1	3 1	3 2	- 2	- 2	1 2	2 2	2 2	3 3	- 3	1 3
1	-	2 -	2 -	2 -	3 -	3 -	3 -	3 -	3 1	- 1	- 1	- 1

The 91 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	32	31	30	29	28	27	26	25	24	23	22	21
32	91	-										
31	90	2 91	-									
30	89	- 90	2 91	-								
29	87	2 89	- 90	2 91	-							
28	85	1 87	1 89	- 90	1 91	-						
27	83	2 85	- 87	- 88	3 90	1 91	-					
26	80	3 83	- 84	3 86	3 88	3 90	1 91	-				
25	78	- 80	1 82	2 84	3 86	2 88	2 90	1 91	-			
24	74	2 77	- 79	3 82	1 84	2 86	2 88	2 90	- 91	-		
23	71	2 73	3 76	1 79	- 81	3 84	- 86	- 88	1 90	- 91	-	
22	68	1 70	3 73	- 75	2 78	2 81	1 83	3 86	- 88	- 90	- 91	-
21	64	3 67	1 69	2 72	- 74	3 77	3 80	2 83	1 85	2 87	3 90	- 91
20	61	- 63	3 65	3 68	1 71	1 73	3 76	3 79	2 82	3 85	- 87	1 90
19	57	1 59	2 62	- 64	2 67	1 70	- 72	3 75	2 79	- 82	- 84	3 87
18	53	1 55	3 58	- 60	2 63	2 66	1 69	- 72	- 74	3 78	1 81	2 84
17	49	1 51	2 53	3 56	2 59	- 61	2 64	2 67	2 70	2 73	3 77	1 80
16	45	2 47	2 49	2 52	- 54	2 57	1 60	- 63	- 66	- 69	1 72	2 75
15	41	3 43	2 45	2 47	2 50	- 52	2 55	1 58	- 61	- 64	1 67	2 71
14	37	3 39	1 41	1 43	2 45	2 47	3 50	1 53	- 56	- 59	- 62	2 65
13	33	2 35	- 37	1 39	- 41	- 43	1 45	2 48	- 50	2 53	2 56	3 60
12	29	2 31	1 32	3 34	2 36	2 38	2 40	3 43	- 45	2 48	1 51	1 54
11	26	- 27	1 28	3 30	1 32	- 33	2 35	3 38	- 40	1 42	3 45	2 48
10	22	2 23	3 25	- 26	1 27	2 29	2 31	- 33	- 35	- 37	2 39	3 41
9	19	2 20	1 21	1 22	1 23	2 24	3 26	2 28	- 29	3 32	- 33	3 36
8	16	2 16	3 17	3 18	3 19	3 20	3 22	- 23	1 25	- 26	2 28	2 30
7	13	- 13	3 14	2 15	1 16	- 17	- 18	1 19	1 20	1 21	3 23	1 24
6	10	- 10	3 11	- 11	3 12	2 13	1 14	1 15	1 16	1 17	1 18	1 19
5	7	1 7	3 8	1 8	3 9	1 9	2 10	2 11	- 12	- 12	3 13	3 14
4	5	2 5	3 6	- 6	1 6	2 7	- 7	1 7	3 8	1 8	3 9	2 10
3	3	2 3	3 3	3 4	- 4	1 4	2 4	3 5	5 5	1 5	3 6	- 6
2	1	3 1	3 1	3 2	- 2	2 2	1 2	2 2	2 2	3 3	1 3	1 3
1	-	2 -	2 -	2 -	3 -	3 -	3 -	3 1	- 1	- 1	- 1	- 1

The 92 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	32	31	30	29	28	27	26	25	24	23	22	21
32	92	-										
31	91	2 92	-									
30	90	- 91	2 92	-								
29	88	2 90	- 91	2 92	-							
28	86	1 88	1 90	- 91	1 92	-						
27	84	1 86	- 88	- 89	3 91	1 92	-					
26	81	2 84	- 85	3 87	3 89	3 91	1 92	-				
25	78	3 81	- 83	2 85	2 87	2 89	2 91	1 92	-			
24	75	2 77	3 80	2 83	- 85	1 87	1 89	2 91	- 92	-		
23	72	1 74	2 77	- 80	- 82	3 85	- 87	- 89	1 91	- 92	-	
22	69	- 71	2 73	3 76	1 79	2 82	1 84	3 87	- 89	- 91	- 92	-
21	65	2 68	- 70	1 72	3 75	2 78	2 81	2 84	1 86	2 88	3 91	- 92
20	61	3 64	2 66	2 69	- 72	- 74	3 77	2 80	2 83	2 86	- 88	1 91
19	57	3 60	1 62	2 65	1 68	- 70	3 73	2 76	1 79	3 83	- 85	2 88
18	53	- 56	1 58	2 61	1 64	- 66	3 69	3 72	2 75	2 79	- 82	2 85
17	49	3 52	- 54	1 57	- 59	2 62	1 65	1 68	- 71	2 74	2 78	- 81
16	46	- 48	- 50	- 52	2 55	1 57	3 60	2 63	2 66	2 70	- 73	1 76
15	42	1 44	- 46	- 48	- 50	2 53	- 55	3 58	2 61	2 65	- 68	1 72
14	38	- 39	3 41	3 44	- 46	- 48	1 50	3 53	2 56	2 59	2 63	- 66
13	33	3 35	2 37	3 39	2 41	2 43	3 46	- 48	2 51	- 54	- 57	2 61
12	30	- 31	2 33	1 35	- 36	3 39	- 41	- 43	2 46	- 48	3 51	3 55
11	26	1 27	2 29	- 30	2 32	2 34	- 36	1 38	2 40	2 43	1 46	- 49
10	22	3 24	- 25	1 26	2 27	3 29	3 31	2 33	2 35	2 37	3 40	1 42
9	19	3 20	2 21	2 22	2 23	3 25	1 26	3 28	2 30	- 32	1 34	- 36
8	16	2 17	- 18	- 19	- 20	- 21	- 22	1 23	3 25	1 27	- 28	3 30
7	13	- 14	- 14	2 15	2 16	1 17	1 18	2 19	2 20	2 22	- 23	2 25
6	10	- 10	3 11	1 12	- 12	2 13	1 14	2 15	2 16	2 17	2 18	2 19
5	7	2 8	- 8	2 8	3 9	1 9	3 10	2 11	1 12	1 12	3 14	- 14
4	5	2 5	3 6	- 6	1 6	2 7	- 7	1 7	3 8	2 9	- 9	2 10
3	3	2 3	3 3	3 4	- 4	2 4	2 5	- 5	- 5	1 6	- 6	1 6
2	1	3 1	3 1	3 2	1 2	1 2	1 2	1 2	2 2	3 3	1 3	1 3
1	-	2 -	2 -	2 -	3 -	3 -	3 -	3 1	- 1	- 1	- 1	- 1

The 93 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	32	31	30	29	28	27	26	25	24	23	22	21
32	93	-										
31	92	2 93	-									
30	91	- 92	2 93	-								
29	89	1 91	- 92	2 93	-							
28	87	- 89	1 90	3 92	1 93	-						
27	85	1 86	3 88	3 90	3 92	1 93	-					
26	82	2 85	- 86	2 88	3 90	3 92	1 93	-				
25	79	3 82	- 84	2 86	2 88	2 90	2 92	1 93	-			
24	76	1 78	3 81	2 84	- 86	1 88	1 90	1 92	- 93	-		
23	73	- 75	1 77	3 80	3 83	2 85	3 87	3 90	1 92	- 93	-	
22	69	3 72	1 74	2 77	1 80	2 83	- 85	3 87	3 90	- 92	- 93	-
21	66	1 68	3 71	- 73	3 76	1 79	2 82	2 85	- 87	1 89	3 92	- 93
20	62	1 65	1 67	1 69	3 72	3 75	2 78	2 81	1 84	2 87	- 89	1 92
19	58	2 60	3 63	1 66	- 68	3 71	2 74	2 77	- 80	2 84	- 86	2 89
18	54	1 56	3 59	1 61	3 64	3 67	2 70	2 73	2 76	2 80	- 83	2 86
17	50	1 52	2 55	- 57	3 60	1 63	- 66	- 68	3 72	1 75	1 79	- 82
16	46	2 48	2 50	2 53	- 55	3 58	2 61	1 64	1 67	1 70	3 74	- 77
15	42	3 44	2 46	2 48	2 51	- 53	2 56	2 59	1 62	1 65	3 69	- 72
14	38	2 40	1 42	1 44	2 46	2 48	3 51	2 54	- 57	1 60	1 63	3 67
13	34	1 36	- 38	- 40	- 42	- 44	1 46	2 49	- 51	3 54	3 58	- 61
12	30	2 32	- 33	2 35	1 37	1 39	2 41	2 44	- 46	2 49	1 52	1 55
11	26	2 27	3 29	1 31	- 32	3 34	1 36	2 39	- 41	- 43	3 46	2 49
10	23	- 24	1 25	2 26	3 28	1 30	- 31	3 33	3 35	3 38	- 40	3 42
9	20	- 20	3 21	3 23	- 24	- 25	2 27	- 28	3 30	1 32	2 34	2 37
8	16	3 17	1 18	1 19	1 20	1 21	1 22	2 24	- 25	2 27	1 29	- 30
7	13	1 14	- 14	3 15	2 16	2 17	1 18	2 19	2 20	3 22	1 23	3 25
6	10	1 10	3 11	1 12	- 12	2 13	2 14	2 15	3 16	2 17	2 18	3 20
5	7	2 8	- 8	2 9	- 9	2 9	2 10	2 11	1 12	2 13	- 14	- 15
4	5	2 5	3 6	1 6	2 6	3 7	1 7	1 7	3 8	2 9	- 9	3 10
3	3	2 3	3 3	3 4	- 4	2 4	3 5	- 5	- 5	2 6	- 6	1 6
2	1	3 1	3 1	3 2	- 2	1 2	2 2	2 2	2 2	3 3	1 3	1 3
1	-	2 -	2 -	2 -	3 -	3 -	3 -	3 1	- 1	- 1	- 1	- 1

The 94 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	34	33	32	31	30	29	28	27	26	25	24	23
34	94	-										
33	93	2 94	-									
32	92	2 93	2 94	-								
31	90	2 92	- 93	2 94	-							
30	88	2 90	2 92	- 93	1 94	-						
29	86	2 88	1 90	1 92	- 93	1 94	-					
28	84	2 86	2 88	- 90	- 91	3 93	1 94	-				
27	81	3 84	- 86	- 87	3 89	3 91	3 93	1 94	-			
26	78	2 81	1 83	1 85	3 87	2 89	2 91	3 93	- 94	-		
25	75	2 77	3 80	2 82	3 85	1 87	2 89	2 91	2 93	- 94	-	
24	72	2 74	3 77	- 79	2 82	1 84	3 87	- 89	1 91	1 93	- 94	-
23	69	1 71	1 73	3 76	1 78	3 81	3 84	2 86	2 88	3 91	- 93	- 94
22	66	- 68	- 70	2 73	- 75	2 78	- 81	1 84	- 86	2 88	3 91	- 93
21	62	- 64	1 66	3 69	2 71	3 74	2 77	- 80	1 83	1 86	- 88	1 90
20	58	1 60	2 63	- 65	3 68	- 70	2 73	2 76	1 79	1 82	1 85	1 87
19	54	2 56	3 59	- 61	2 64	- 66	2 69	2 72	1 75	1 78	- 81	2 84
18	50	3 52	2 55	- 57	2 60	- 62	2 65	2 68	1 71	1 74	1 77	1 81
17	47	- 49	- 50	3 53	1 55	2 58	1 61	- 63	3 66	3 69	2 72	3 76
16	43	1 45	- 47	- 49	- 51	- 53	2 56	1 59	- 62	- 65	- 68	- 71
15	39	2 41	2 43	1 45	- 47	- 49	- 51	2 54	1 57	- 59	3 63	- 66
14	35	1 36	3 38	3 40	2 42	2 45	- 47	- 49	1 52	- 54	3 57	3 61
13	31	2 33	- 34	3 36	1 38	2 40	2 42	2 44	3 47	- 49	2 52	1 55
12	28	- 29	1 30	3 32	1 33	3 35	3 37	2 39	3 42	- 44	2 47	- 49
11	24	2 25	2 26	3 28	1 29	2 31	1 33	- 34	3 37	- 39	1 41	2 44
10	21	1 22	- 23	1 24	2 25	3 27	1 28	2 30	1 32	- 34	1 36	1 38
9	18	- 18	3 20	1 21	- 22	- 23	1 24	1 25	3 27	1 29	- 30	3 33
8	15	- 15	3 17	- 17	2 18	2 19	2 20	2 21	2 22	3 24	1 26	- 27
7	11	2 12	2 13	2 14	1 15	- 15	3 16	3 17	2 18	3 19	3 21	1 22
6	9	1 10	- 10	1 11	- 11	2 12	1 12	3 13	3 14	3 16	- 16	3 18
5	7	1 7	2 7	3 8	- 8	2 9	- 9	2 10	- 10	3 11	2 12	2 13
4	5	1 5	3 5	3 6	- 6	1 6	2 6	3 7	1 7	2 8	- 8	2 9
3	3	1 3	2 3	3 3	3 3	3 4	- 4	2 4	3 5	- 5	1 5	2 6
2	1	2 1	2 1	3 1	3 2	- 2	1 2	1 2	2 2	2 2	2 2	3 3
1	-	2	-	2	-	3	-	3	1	-	1	-

The 95 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	34	33	32	31	30	29	28	27	26	25	24	23
34	95	-										
33	94	2 95	-									
32	93	2 94	2 95	-								
31	91	2 93	- 94	1 95	-							
30	89	2 91	2 93	- 94	1 95	-						
29	87	2 89	1 91	1 93	- 94	1 95	-					
28	85	2 87	1 89	- 91	- 92	3 94	1 95	-				
27	82	3 85	- 87	- 88	3 90	3 92	3 94	- 95	-			
26	79	1 82	1 84	1 86	3 88	2 90	2 92	2 94	- 95	-		
25	76	1 78	3 81	2 83	3 86	1 88	1 90	2 92	2 94	- 95	-	
24	73	1 75	3 77	3 80	2 83	1 85	3 88	- 90	- 92	1 94	- 95	-
23	69	3 72	- 74	2 77	- 79	2 82	2 85	1 87	2 89	3 92	- 94	- 95
22	66	2 68	3 71	1 73	3 76	1 78	3 82	- 84	3 87	1 89	2 92	- 94
21	62	3 65	- 67	2 70	1 72	2 75	1 77	3 81	- 84	- 86	3 89	- 91
20	59	- 61	2 63	3 66	2 68	2 71	1 74	2 77	- 80	- 83	- 86	1 88
19	55	- 57	2 59	3 62	1 64	2 67	1 70	1 73	- 76	- 78	3 82	1 85
18	51	1 53	2 55	2 58	- 60	2 63	1 66	1 69	- 72	- 75	- 78	- 81
17	47	2 49	2 51	2 53	3 56	- 58	3 61	2 64	1 67	1 70	1 73	2 76
16	43	3 45	2 47	2 49	2 51	2 54	- 56	3 59	2 62	2 65	2 68	3 72
15	40	- 41	2 43	2 45	2 47	2 49	2 52	- 54	3 57	2 60	2 63	2 67
14	35	2 37	2 39	1 41	- 43	- 45	2 47	2 49	3 52	2 55	1 58	1 61
13	31	3 33	1 35	- 36	3 39	- 40	3 42	3 45	1 47	2 50	- 52	3 56
12	28	1 29	3 31	- 32	2 34	1 36	1 38	1 40	1 42	2 45	- 47	2 50
11	24	3 25	3 27	- 28	2 30	- 31	2 33	2 35	1 37	2 39	3 42	- 44
10	21	2 22	1 23	2 24	3 26	1 27	2 28	3 30	3 32	2 34	2 36	2 39
9	18	1 19	- 20	2 21	1 22	1 23	2 24	2 26	- 27	2 29	1 31	- 33
8	15	- 16	- 17	1 17	3 18	2 19	3 20	2 21	3 23	- 24	2 26	1 27
7	11	3 12	2 13	2 14	1 15	- 16	- 17	- 17	3 19	- 20	- 21	2 22
6	9	2 10	- 10	2 11	- 11	2 12	1 13	- 14	- 15	- 16	- 17	- 18
5	7	1 7	3 7	3 8	1 8	2 9	1 9	3 10	- 10	3 11	2 12	2 13
4	5	1 5	3 5	3 6	- 6	1 6	2 7	- 7	2 7	2 8	- 8	3 9
3	3	1 3	2 3	2 3	3 4	- 4	1 4	2 4	3 5	1 5	1 5	3 6
2	1	2 1	3 1	3 1	3 2	- 2	1 2	1 2	2 2	2 2	2 3	- 3
1	-	2 -	2 -	3 -	3 -	3 -	3 -	3 1	- 1	- 1	- 1	- 1

The 97 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	34	33	32	31	30	29	28	27	26	25	24	23
34	97	-										
33	96	2 97	-									
32	95	2 96	2 97	-								
31	93	2 95	- 96	1 97	-							
30	91	2 93	2 95	- 96	1 97	-						
29	89	2 91	1 93	1 95	- 96	1 97	-					
28	87	2 89	1 91	- 93	- 94	3 96	1 97	-				
27	84	2 86	3 88	3 90	3 92	3 94	3 96	- 97	-			
26	81	1 84	- 86	- 88	2 90	1 92	2 94	2 96	- 97	-		
25	78	- 80	1 83	1 85	2 88	- 90	1 92	1 94	2 96	- 97	-	
24	74	3 77	2 79	2 82	1 84	3 87	2 89	3 92	- 94	1 96	- 97	-
23	71	1 73	2 76	1 78	3 81	1 84	1 87	- 89	2 91	3 94	- 96	- 97
22	68	- 70	1 72	3 75	1 77	3 80	2 84	- 86	2 89	1 91	2 94	- 96
21	64	- 66	2 68	3 71	3 74	- 76	3 79	2 82	3 85	3 88	2 91	- 93
20	60	1 63	- 65	- 67	3 70	- 72	3 76	- 78	2 81	3 84	3 88	- 90
19	56	1 58	2 61	- 63	2 66	- 68	3 71	3 74	2 77	2 80	2 84	- 87
18	52	1 54	2 56	3 59	1 61	3 64	2 67	2 70	2 73	2 76	2 79	2 83
17	48	2 50	2 52	2 55	- 57	1 60	- 63	- 65	3 68	3 71	3 75	1 78
16	44	2 46	2 48	2 50	2 52	3 55	1 58	- 61	- 64	- 67	- 70	1 73
15	40	3 42	2 44	2 46	2 48	2 50	3 53	1 55	3 58	3 61	3 65	- 68
14	36	2 38	1 40	- 41	3 44	- 46	1 48	2 51	- 53	2 56	1 59	2 63
13	32	2 34	- 35	3 37	3 39	3 41	3 43	3 46	- 48	2 51	1 53	3 57
12	29	- 30	1 31	3 33	1 35	- 37	- 39	- 41	1 43	2 45	3 48	2 51
11	25	3 26	2 27	3 29	1 30	2 32	1 34	- 35	3 38	1 40	3 43	- 45
10	21	3 22	3 24	- 25	1 26	3 28	- 29	2 31	1 33	- 35	1 37	2 40
9	18	2 19	2 20	3 21	3 22	3 24	- 25	- 26	2 28	1 30	- 31	2 34
8	15	2 16	1 17	2 18	- 19	- 20	1 21	- 22	1 23	2 25	- 26	3 28
7	12	- 13	- 13	3 - 4	2 15	1 16	2 17	1 18	1 19	2 20	2 21	3 23
6	9	2 10	1 10	3 11	1 11	3 12	3 13	- 14	1 15	1 16	1 17	2 18
5	7	1 7	3 8	- 8	1 8	3 9	2 9	3 10	1 11	1 11	3 13	- 13
4	5	1 5	3 5	3 6	- 6	2 6	3 7	1 7	2 7	3 8	1 9	- 9
3	3	1 3	2 3	3 4	- 4	- 4	1 4	3 5	- 5	1 5	2 5	3 6
2	1	2 1	3 1	3 1	3 2	- 2	1 2	1 2	2 2	3 2	3 3	- 3
1	-	2 -	2 -	3 -	3 -	3 -	3 -	3 1	- 1	- 1	- 1	- 1

The 98 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	34	33	32	31	30	29	28	27	26	25	24	23
34	98	-										
33	97	2 98	-									
32	96	2 97	2 98	-								
31	94	2 96	1 97	1 98	-							
30	92	2 94	2 96	- 97	1 98	-						
29	90	2 92	1 94	1 96	- 97	1 98	-					
28	88	1 90	- 91	3 94	- 95	3 97	1 98	-				
27	85	1 87	2 89	3 91	2 93	3 95	2 97	- 98	-			
26	82	- 84	3 87	- 89	2 91	1 93	2 95	2 97	- 98	-		
25	78	3 81	1 84	1 86	2 89	- 91	1 93	1 95	2 97	- 98	-	
24	75	2 78	- 80	1 83	- 85	3 88	1 90	3 93	- 95	1 97	- 98	-
23	72	- 74	1 77	- 79	2 82	- 85	1 88	- 90	1 92	3 95	- 97	- 98
22	68	3 71	- 73	2 76	- 78	2 81	2 84	3 87	2 90	- 92	2 95	- 97
21	64	3 67	1 69	2 72	2 74	3 77	2 80	2 83	3 86	3 89	2 92	- 94
20	61	- 63	3 65	3 68	2 70	3 73	2 76	3 79	2 82	3 85	3 89	- 91
19	57	- 59	- 61	2 64	1 66	3 69	2 72	2 75	2 78	1 81	1 85	- 88
18	53	- 55	- 57	1 59	3 62	2 65	1 68	1 71	1 74	1 77	1 80	2 84
17	49	- 51	- 53	- 55	2 58	- 60	3 63	2 66	2 69	2 72	2 76	- 79
16	45	- 47	- 49	- 51	1 53	1 56	- 58	2 61	2 64	2 67	2 71	- 74
15	41	- 42	3 45	- 46	3 49	- 51	1 53	3 56	2 59	1 62	2 65	3 69
14	36	3 38	2 40	2 42	1 44	2 46	3 49	- 51	2 54	1 57	- 60	1 63
13	32	3 34	1 36	1 38	1 40	- 42	- 44	1 46	2 49	- 51	3 54	2 58
12	29	1 30	2 32	- 33	2 35	1 37	1 39	1 41	2 43	3 46	1 49	- 52
11	25	2 26	3 28	- 29	2 30	3 32	2 34	2 36	1 38	3 41	- 43	2 46
10	22	- 23	- 24	1 25	2 27	- 28	1 29	3 31	2 33	2 35	2 37	3 40
9	18	3 19	3 21	- 22	- 23	- 24	- 25	1 26	3 28	2 30	2 32	- 34
8	15	2 16	2 17	3 18	1 19	1 20	1 21	1 22	2 23	3 25	1 27	- 28
7	12	- 13	- 13	3 14	3 15	2 16	2 17	2 18	2 19	3 20	3 22	- 23
6	9	3 10	1 10	3 11	1 12	- 12	3 13	1 14	1 15	1 16	2 17	2 18
5	7	2 8	- 8	- 8	2 8	3 9	2 10	- 10	2 11	1 11	3 13	- 13
4	5	1 5	3 5	3 6	- 6	2 6	3 7	1 7	2 7	3 8	1 9	- 9
3	3	1 3	2 3	3 4	- 4	1 4	3 5	1 5	2 5	3 6	2 7	3 8
2	1	2 1	3 1	3 1	3 2	- 2	1 2	2 2	3 3	2 4	3 5	3 6
1	-	2	-	3	-	3	-	3	1	-	1	-

The 99 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	34	33	32	31	30	29	28	27	26	25	24	23
34	99	-										
33	98	2 99	-									
32	97	2 98	1 99	-								
31	95	2 97	- 98	1 99	-							
30	93	2 95	2 97	- 98	1 99	-						
29	91	2 93	1 95	1 97	- 98	1 99	-					
28	89	1 91	- 92	3 95	- 96	3 98	- 99	-				
27	86	1 88	2 90	3 92	2 94	2 96	2 98	- 99	-			
26	82	3 85	2 87	3 90	2 92	1 94	2 96	2 98	- 99	-		
25	79	2 82	- 85	- 87	1 89	3 92	- 94	1 96	2 98	- 99	-	
24	76	1 78	3 81	1 84	- 86	2 89	1 91	3 94	- 96	1 98	- 99	-
23	72	3 75	1 77	3 80	1 83	- 86	- 89	- 91	1 93	3 96	- 98	- 99
22	69	1 71	2 74	2 76	3 79	2 82	1 85	2 88	1 91	- 93	2 96	- 98
21	65	2 68	- 70	1 73	1 75	2 78	1 81	1 84	2 87	2 90	2 93	- 95
20	61	2 64	2 66	2 69	1 71	2 74	2 77	2 80	1 83	2 86	2 90	- 92
19	57	2 59	3 62	1 64	3 67	2 70	1 73	1 76	1 79	1 82	1 85	3 89
18	53	2 55	2 58	- 60	2 63	- 66	- 69	- 71	3 75	- 78	- 81	1 85
17	49	2 51	2 53	2 56	- 58	2 61	1 64	1 67	1 70	1 73	1 76	3 80
16	45	2 47	2 49	2 51	3 53	3 56	2 59	1 62	1 65	1 68	1 71	3 75
15	41	2 43	- 45	2 47	1 49	2 51	3 54	1 57	- 60	- 63	- 66	2 70
14	37	1 39	- 41	- 42	3 45	- 47	1 49	2 52	- 54	3 57	2 61	- 64
13	33	1 34	2 36	2 38	2 40	2 42	2 44	3 47	- 49	2 52	1 55	- 58
12	29	2 31	- 32	1 34	- 35	3 37	3 39	2 42	- 44	1 46	3 49	2 52
11	25	3 27	- 28	1 29	3 31	- 32	3 34	3 36	2 39	- 41	2 43	3 46
10	22	1 23	1 24	2 25	3 27	1 28	2 30	- 31	3 33	3 36	- 38	- 40
9	19	- 19	3 21	1 22	1 23	- 24	1 25	2 27	- 28	3 30	3 32	1 34
8	15	3 16	2 17	3 18	1 19	1 20	2 21	2 22	2 24	- 25	2 27	1 29
7	12	1 13	1 14	- 14	3 15	2 16	3 17	2 18	2 19	3 20	3 22	1 23
6	9	3 10	1 11	- 11	2 12	- 12	3 13	1 14	2 15	2 16	2 17	2 18
5	7	2 8	- 8	- 8	2 9	- 9	2 10	- 10	2 11	2 12	- 13	1 13
4	5	2 5	3 6	- 6	1 6	2 6	3 7	1 7	2 8	- 8	2 9	- 9
3	3	1 3	2 3	3 4	- 4	1 4	2 4	3 5	- 5	1 5	2 5	3 6
2	1	2 1	3 1	3 1	3 2	- 2	1 2	2 2	3 2	3 3	3 3	3 1
1	-	2 -	2 -	3 -	3 -	3 -	3 -	3 1	- 1	- 1	- 1	- 1

The 100 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	34	33	32	31	30	29	28	27	26	25	24	23
34	100 -											
33	99 2	100 -										
32	98 1	99 1	100 -									
31	96 2	98 -	99 1	100 -								
30	94 1	96 1	98 -	99 1	100 -							
29	92 2	94 1	96 -	97 3	99 1	100 -						
28	90 1	92 -	93 3	95 3	97 3	99 -	100 -					
27	87 -	89 2	91 2	93 2	95 2	97 2	99 -	100 -				
26	83 3	86 2	88 3	91 2	93 1	95 2	97 2	99 -	100 -			
25	80 2	83 -	85 3	88 1	90 3	93 -	95 1	97 2	99 -	100 -		
24	77 -	79 3	82 -	84 3	87 1	90 1	92 3	95 -	97 1	99 -	100 -	
23	73 2	76 -	78 2	81 1	83 3	87 -	89 3	92 1	94 3	97 -	99 -	100 -
22	70 -	72 1	75 -	77 2	80 1	83 -	86 2	89 1	92 -	94 2	96 3	99 -
21	66 -	68 2	71 -	74 -	76 2	79 1	82 1	85 2	88 2	91 2	94 -	96 3
20	62 -	65 -	67 1	70 -	72 1	75 1	78 1	81 1	84 2	87 2	90 3	93 3
19	58 -	60 1	63 -	65 2	68 -	71 -	74 -	77 -	80 -	83 -	86 2	90 1
18	54 -	56 -	58 2	61 1	63 3	66 2	69 2	72 2	75 3	79 -	82 1	86 -
17	50 -	52 -	54 1	56 2	59 -	62 -	65 -	67 3	71 -	74 -	77 2	81 1
16	46 -	48 -	50 -	52 1	54 1	57 -	59 3	62 3	66 -	69 -	72 1	76 1
15	42 -	43 2	45 3	47 3	50 -	52 1	54 3	57 2	60 2	63 3	67 -	70 3
14	37 2	39 1	41 1	43 1	45 1	47 3	50 -	52 2	55 1	58 1	61 2	65 -
13	33 2	35 -	36 3	38 3	41 -	43 -	45 1	47 2	50 -	52 3	55 2	59 -
12	29 3	31 1	32 2	34 1	36 -	38 -	40 -	42 2	44 3	47 1	50 -	53 -
11	26 1	27 1	28 2	30 -	31 2	33 -	35 -	37 -	39 1	41 3	44 1	47 -
10	22 2	23 2	24 3	26 -	27 2	28 3	30 1	32 -	34 -	36 1	38 1	41 -
9	19 1	20 -	21 1	22 2	23 1	24 2	26 -	27 2	29 -	31 -	32 2	35 -
8	16 -	16 3	18 -	18 2	19 2	20 2	21 3	22 3	24 1	25 3	27 2	29 1
7	12 1	13 1	14 1	15 -	15 3	16 3	17 3	18 2	20 -	21 -	22 2	23 3
6	9 3	10 2	11 -	11 2	12 1	12 3	13 2	14 2	15 2	16 3	17 3	18 3
5	7 2	8 -	8 1	8 2	9 -	9 2	10 -	10 3	11 2	12 -	13 1	14 -
4	5 2	5 3	6 -	6 1	6 2	7 -	7 1	7 2	8 -	8 2	9 1	9 3
3	3 2	3 3	3 3	4 -	4 1	4 2	4 3	5 -	5 1	5 2	5 3	6 1
2	1 3	2 -	2 -	2 -	2 -	2 1	2 1	2 2	2 3	2 3	3 -	3 1
1	- 2	- 3	- 3	- 3	- 3	1 -	1 -	1 -	1 -	1 -	1 -	1 -

The 101 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	34	33	32	31	30	29	28	27	26	25	24	23
34	101 -											
33	100 2	101 -										
32	99 1	100 1	101 -									
31	97 2	99 -	100 1	101 -								
30	95 1	97 1	99 -	100 1	101 -							
29	93 2	95 -	97 -	98 3	100 1	101 -						
28	91 -	93 -	94 3	96 3	98 3	100 -	101 -					
27	88 -	90 1	92 2	94 2	96 2	98 2	100 -	101 -				
26	84 2	87 2	89 2	92 1	94 -	96 2	98 2	100 -	101 -			
25	81 1	83 3	86 2	89 -	91 2	94 -	96 1	98 1	100 -	101 -		
24	77 3	80 3	82 3	85 2	88 1	91 -	93 2	95 3	98 1	100 -	101 -	
23	74 -	76 3	79 1	82 -	84 2	87 3	90 3	93 1	95 2	97 3	100 -	101 -
22	71 -	73 -	75 3	78 1	81 -	83 3	87 1	90 -	92 3	95 1	97 3	100 -
21	66 3	69 1	71 2	74 3	77 1	80 -	83 -	86 1	89 1	92 1	95 -	97 3
20	62 2	66 -	67 3	70 2	73 -	75 3	79 -	82 -	85 1	88 1	91 2	94 2
19	58 2	61 -	63 2	66 1	68 3	71 2	74 2	77 3	80 3	83 3	87 1	91 1
18	54 2	56 3	59 -	61 3	64 1	67 1	70 1	73 1	76 2	79 3	83 -	87 -
17	50 2	52 2	54 3	57 -	59 2	62 2	65 2	68 1	71 2	74 3	78 -	82 -
16	46 2	48 2	50 2	52 3	54 3	57 2	60 1	63 1	66 2	69 2	73 -	77 -
15	42 2	44 -	46 1	48 1	50 2	52 3	55 1	58 1	61 -	64 1	67 2	71 2
14	37 3	39 2	41 3	43 3	45 3	48 1	50 2	53 -	55 3	58 3	62 -	65 3
13	33 3	35 -	37 1	39 1	41 2	43 2	45 3	48 -	50 2	53 1	56 -	59 2
12	30 -	31 2	32 3	34 2	36 2	38 2	40 2	42 3	45 1	47 3	50 2	53 2
11	26 2	27 2	28 3	30 2	31 3	33 1	35 2	37 2	40 -	42 1	44 3	47 2
10	22 3	23 3	25 -	26 1	27 3	29 1	30 3	32 2	34 2	36 3	38 3	41 2
9	19 2	20 1	21 2	22 3	23 2	24 3	26 1	27 3	29 2	31 1	33 -	35 1
8	16 -	17 -	18 1	18 3	19 3	20 3	22 -	23 -	24 2	26 -	28 -	29 2
7	12 2	13 2	14 2	15 1	16 -	17 -	17 3	18 3	20 1	21 1	22 3	24 -
6	10 -	10 2	11 -	11 3	12 2	13 -	13 2	14 3	15 3	17 -	18 -	19 -
5	7 2	8 -	8 1	8 3	9 1	9 3	10 1	10 3	11 3	12 1	13 2	14 -
4	5 2	6 -	6 -	6 1	6 2	7 -	7 2	7 3	8 -	8 3	9 1	9 3
3	3 2	3 3	3 3	4 1	4 1	4 2	4 3	5 -	5 2	5 2	5 3	6 2
2	1 3	2 -	2 -	2 -	2 -	2 1	2 2	2 2	2 3	2 3	3 -	3 1
1	- 2	- 3	- 3	- 3	- 3	- 3	1 -	1 -	1 -	1 -	1 -	1 -

The 102 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	34	33	32	31	30	29	28	27	26	25	24	23
34	102 -											
33	101 2	102 -										
32	100 1	101 1	102 -									
31	98 1	100 -	101 1	102 -								
30	96 1	98 1	100 -	101 1	102 -							
29	94 1	96 -	98 -	99 3	101 1	102 -						
28	92 -	94 -	95 3	97 3	99 3	101 -	102 -					
27	88 3	91 1	93 2	95 2	97 2	99 2	101 -	102 -				
26	85 1	88 1	90 2	93 1	95 -	97 1	99 2	101 -	102 -			
25	82 -	84 2	87 2	90 -	92 2	94 3	97 -	99 1	101 -	102 -		
24	78 2	81 2	83 2	86 1	89 -	92 -	94 2	96 3	99 1	101 -	102 -	
23	75 -	77 2	80 -	83 -	85 1	88 2	91 2	94 -	96 2	98 3	101 -	102 -
22	71 2	73 3	76 2	79 -	81 3	84 2	88 -	91 -	93 3	96 1	98 3	101 -
21	67 2	70 -	72 1	75 2	77 3	80 3	83 3	87 -	90 1	93 1	95 3	98 2
20	63 1	66 -	68 1	71 1	73 3	76 2	79 3	82 3	86 -	89 1	92 2	95 2
19	59 1	61 3	64 -	66 3	69 1	72 1	75 1	78 2	81 2	84 2	88 1	92 -
18	55 -	57 1	59 2	62 1	65 -	67 3	71 -	74 -	77 1	80 2	83 3	87 3
17	51 -	53 -	55 1	57 2	60 -	63 1	66 1	69 -	72 1	75 2	79 -	82 3
16	47 -	49 -	51 -	53 1	55 2	58 -	61 -	64 -	67 1	70 2	73 3	77 2
15	42 3	44 2	46 3	48 3	51 -	53 1	56 -	58 2	61 3	65 -	68 1	72 -
14	38 1	40 1	42 1	44 1	46 1	48 3	51 -	53 2	56 1	59 1	62 2	66 1
13	34 1	35 2	37 3	39 3	42 -	44 -	46 -	48 2	51 -	53 3	56 2	60 -
12	30 1	31 3	33 1	35 -	36 3	38 3	41 -	43 1	45 3	48 1	51 -	54 -
11	26 3	27 3	29 1	30 3	32 1	33 3	35 3	37 3	40 1	42 3	45 1	48 -
10	23 -	24 -	25 1	26 2	28 -	29 2	31 -	33 -	34 3	37 -	39 2	41 3
9	19 3	20 2	21 3	23 -	23 3	25 -	26 2	28 -	29 3	31 2	33 1	35 2
8	16 1	17 1	18 2	18 3	20 -	21 -	22 1	23 1	24 3	26 1	28 -	29 3
7	12 2	13 2	14 2	15 2	16 1	17 1	18 -	19 -	20 2	21 2	23 -	24 1
6	10 -	10 2	11 1	11 3	12 2	13 1	13 3	14 3	16 -	17 1	18 1	19 -
5	7 3	8 -	8 1	8 3	9 1	9 3	10 1	11 -	11 3	12 1	13 3	14 1
4	5 2	6 -	6 -	6 2	6 3	7 -	7 2	7 3	8 1	8 3	9 2	10 -
3	3 2	3 3	4 -	4 1	4 1	4 2	5 -	5 1	5 2	5 2	6 -	6 2
2	1 3	2 -	2 -	2 -	2 -	2 2	2 2	2 2	2 3	2 3	3 -	3 2
1	- 2	- 3	- 3	- 3	- 3	1 -	1 -	1 -	1 -	1 -	1 -	1 -

The 103 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	34	33	32	31	30	29	28	27	26	25	24	23
34	103 -											
33	102 1	103 -										
32	101 1	102 1	103 -									
31	99 1	101 -	102 1	103 -								
30	97 1	99 1	101 -	102 1	103 -							
29	95 1	97 -	99 -	100 3	102 1	103 -						
28	93 -	95 -	96 2	98 3	100 3	102 -	103 -					
27	89 3	92 1	94 2	96 2	98 2	100 2	102 -	103 -				
26	86 1	89 1	91 2	94 1	96 -	98 1	100 1	102 -	103 -			
25	83 -	85 2	88 1	91 -	93 2	95 3	98 -	100 1	102 -	103 -		
24	79 1	82 1	84 1	87 -	90 -	93 -	95 2	97 3	100 -	102 -	103 -	
23	75 2	78 1	81 -	83 3	86 1	89 1	92 2	95 -	97 2	99 3	102 -	103 -
22	72 -	74 2	77 1	79 3	82 2	85 1	89 -	91 3	94 3	97 1	99 2	102 -
21	68 -	70 2	73 -	76 1	78 2	81 2	84 2	88 -	91 -	94 1	96 3	99 2
20	64 -	66 2	69 -	72 -	74 2	77 1	80 2	83 2	87 -	90 -	93 2	96 2
19	60 -	62 1	64 3	67 1	70 -	72 3	76 -	79 1	82 1	85 1	89 -	93 -
18	55 3	58 -	60 1	62 3	65 2	68 1	71 3	74 3	78 -	81 1	84 2	88 2
17	51 2	53 2	55 3	58 1	60 3	63 3	66 3	69 3	73 -	76 1	79 2	83 2
16	47 1	49 2	51 2	53 3	56 -	58 2	61 2	64 3	67 3	71 1	74 2	78 1
15	43 -	45 -	47 1	49 1	51 2	53 3	56 2	59 1	62 1	65 2	68 3	72 3
14	38 2	40 2	42 3	44 2	46 3	49 1	51 2	54 -	56 3	59 3	63 -	67 -
13	34 2	36 -	38 -	40 -	42 1	44 2	46 2	49 -	51 2	54 1	57 -	60 3
12	30 3	32 1	33 3	35 2	37 1	39 1	41 1	43 3	46 1	48 3	51 2	54 2
11	27 -	28 -	29 2	31 -	32 2	34 1	36 1	38 -	40 3	43 1	45 3	48 2
10	23 1	24 1	25 2	26 3	28 1	30 -	31 1	33 1	35 1	37 2	40 -	42 -
9	19 3	20 2	22 -	23 -	24 -	25 1	26 3	28 1	30 -	31 3	33 3	36 -
8	16 2	17 1	18 3	19 -	20 1	21 1	22 2	23 2	25 -	26 2	28 2	30 -
7	12 2	13 3	14 3	15 3	16 1	17 2	18 1	19 1	20 3	21 2	23 1	24 2
6	10 -	10 3	11 1	12 -	12 3	13 1	14 -	15 -	16 1	17 2	18 2	19 2
5	7 3	8 -	8 1	8 3	9 2	10 -	10 2	11 -	12 -	12 2	14 -	14 2
4	5 2	6 -	6 -	6 2	6 3	7 1	7 2	7 3	8 1	8 3	9 2	10 -
3	3 2	3 3	4 -	4 1	4 1	4 2	5 -	5 1	5 2	5 3	6 -	6 2
2	1 3	1 3	2 -	2 -	2 1	2 1	2 2	2 2	2 3	3 -	3 1	3 2
1	- 3	- 3	- 3	- 3	- 3	1 -	1 -	1 -	1 -	1 -	1 -	1 -

The 104 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	35	34	33	32	31	30	29	28	27	26	25	24
35	104 -											
34	103 1	104 -										
33	102 1	103 1	104 -									
32	100 3	102 1	103 1	104 -								
31	98 3	100 1	102 -	103 1	104 -							
30	96 1	98 -	100 1	102 -	103 1	104 -						
29	94 1	96 1	98 -	100 -	101 3	103 -	104 -					
28	91 2	94 -	95 3	97 2	99 3	101 3	103 -	104 -				
27	88 -	90 3	93 -	95 1	97 1	99 2	101 2	103 -	104 -			
26	84 3	87 1	90 -	92 2	95 1	96 3	99 1	101 1	103 -	104 -		
25	81 1	83 3	86 2	89 -	92 -	94 1	96 3	99 -	101 1	103 -	104 -	
24	78 -	80 1	83 -	85 1	87 3	91 -	93 3	96 2	98 2	101 -	103 -	104 -
23	74 -	76 1	79 -	81 3	84 2	87 -	90 1	93 1	96 -	98 2	100 3	103 -
22	70 1	72 3	75 1	78 -	80 3	83 2	86 1	89 3	92 3	95 3	98 -	100 2
21	66 1	69 -	71 1	73 3	76 3	79 1	82 1	85 1	88 3	92 -	95 -	97 2
20	62 1	64 2	67 2	69 3	72 2	75 -	78 -	81 2	84 1	87 3	91 -	94 2
19	58 1	60 2	63 -	65 2	68 -	70 3	73 2	76 3	80 -	83 1	86 1	90 -
18	54 -	56 1	58 1	60 3	63 2	66 1	69 -	72 1	75 2	78 3	82 -	85 1
17	50 -	52 -	54 -	56 1	58 3	61 1	64 2	67 1	70 2	73 3	77 -	80 2
16	45 3	47 3	50 -	52 -	54 1	56 2	59 1	62 1	65 1	68 2	71 3	75 1
15	41 3	43 2	45 2	47 3	49 3	52 -	54 1	57 -	59 3	63 -	66 1	69 2
14	37 1	39 -	41 -	43 1	45 -	47 1	49 3	52 -	54 2	57 2	60 1	63 3
13	33 2	34 3	36 1	38 1	40 1	42 3	44 3	47 -	49 2	52 -	54 3	57 3
12	29 2	31 -	32 2	34 -	35 3	37 2	39 2	41 2	44 1	46 2	49 1	52 -
11	26 -	27 1	28 1	29 3	31 2	32 3	34 2	36 3	38 2	41 -	43 3	46 1
10	22 2	23 2	24 2	25 3	27 1	28 3	30 1	31 3	33 2	35 2	37 3	40 1
9	19 -	20 -	20 3	22 1	23 1	24 1	25 2	27 -	28 2	30 1	32 -	34 -
8	15 3	16 2	17 2	18 3	19 1	20 2	21 2	22 2	23 3	25 1	26 3	28 3
7	12 2	12 3	13 3	14 3	16 -	16 2	17 3	18 2	19 2	20 3	21 3	23 2
6	9 3	10 -	10 3	11 1	12 -	12 3	13 2	14 1	15 1	16 1	17 2	18 3
5	7 2	7 3	8 1	8 2	8 3	9 2	10 -	10 2	11 1	12 -	12 2	14 -
4	5 1	5 3	6 -	6 1	6 2	6 3	7 1	7 2	8 -	8 1	8 3	9 2
3	3 1	3 2	3 3	4 -	4 1	4 2	4 2	5 -	5 1	5 2	5 3	6 1
2	1 3	1 3	1 3	2 -	2 -	2 1	2 2	2 2	2 3	2 3	3 -	3 1
1	- 3	- 3	- 3	- 3	- 3	1 -	1 -	1 -	1 -	1 -	1 -	1 -

The 105 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	35	34	33	32	31	30	29	28	27	26	25	24
35	105 -											
34	104 1	105 -										
33	103 1	104 1	105 -									
32	101 3	103 1	104 1	105 -								
31	99 2	101 1	103 -	104 1	105 -							
30	97 1	99 -	101 1	103 -	104 1	105 -						
29	95 1	97 1	99 -	101 -	102 3	104 -	105 -					
28	92 1	95 -	96 3	98 2	100 3	102 3	104 -	105 -				
27	88 3	91 2	94 1	96 1	98 1	100 1	102 2	104 -	105 -			
26	85 3	88 1	91 -	93 1	96 -	97 3	100 1	102 1	104 -	105 -		
25	82 -	84 2	87 1	90 -	92 3	95 1	97 2	100 -	102 1	104 -	105 -	
24	78 3	81 -	84 -	86 -	88 3	92 -	94 3	97 1	99 2	102 -	104 -	105 -
23	74 3	77 -	80 -	82 2	85 2	87 3	91 -	94 1	96 3	99 2	101 3	104 -
22	71 -	73 3	76 2	78 3	81 2	84 1	87 -	90 2	93 2	96 2	99 -	101 2
21	66 3	69 2	72 -	74 2	77 2	80 -	83 1	86 -	89 1	92 3	96 -	98 2
20	62 3	65 -	68 -	70 2	73 1	75 3	78 3	82 1	85 -	88 2	91 3	95 1
19	58 3	61 -	63 2	66 -	68 3	71 2	74 1	77 2	80 3	84 -	87 -	91 -
18	54 3	56 3	59 -	61 1	64 1	66 3	69 3	73 -	76 -	79 2	82 3	86 -
17	50 1	52 2	54 2	56 3	59 1	62 -	65 1	68 -	71 1	74 2	77 3	81 1
16	46 1	48 1	50 2	52 2	54 3	57 -	59 3	62 3	65 3	69 -	72 2	76 -
15	42 -	44 -	45 3	48 1	50 1	52 2	54 3	57 2	60 1	63 2	66 3	70 1
14	37 2	39 1	41 2	43 3	45 2	47 2	50 1	52 2	55 -	58 -	61 -	64 2
13	33 3	35 1	36 3	38 2	40 2	43 -	45 1	47 2	50 -	52 2	55 1	58 1
12	29 3	31 2	33 -	34 1	36 -	38 -	39 3	42 -	44 3	47 -	49 3	52 2
11	26 1	27 2	28 2	30 -	31 3	33 -	35 -	37 -	39 -	41 2	44 -	46 1
10	22 3	23 3	24 3	26 -	27 2	29 -	30 2	32 -	33 3	36 -	38 1	40 1
9	19 1	20 1	21 -	22 2	23 2	24 2	25 3	27 1	29 -	30 2	32 1	34 1
8	16 -	16 2	17 3	19 -	19 1	20 2	21 3	22 3	24 -	25 2	27 -	29 -
7	12 3	13 -	14 -	15 -	16 -	16 3	18 -	18 3	19 3	21 -	22 -	23 2
6	9 3	10 -	10 3	11 2	12 -	12 3	13 2	14 2	15 2	16 2	17 3	19 -
5	7 2	7 3	8 1	8 2	9 -	9 2	10 1	10 3	11 1	12 1	12 2	14 -
4	5 2	5 3	6 -	6 1	6 2	7 -	7 1	7 3	8 -	8 2	9 -	9 2
3	3 1	3 2	3 3	4 -	4 1	4 2	4 2	5 -	5 2	5 2	5 3	6 1
2	1 2	1 3	1 3	2 -	2 -	2 1	2 2	2 2	2 3	3 -	3 -	3 1
1	- 3	- 3	- 3	- 3	- 3	1 -	1 -	1 -	1 -	1 -	1 -	1 -

The 106 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	35	34	33	32	31	30	29	28	27	26	25	24
35	106 -											
34	105 1	106 -										
33	104 2	105 1	106 -									
32	102 3	104 1	105 1	106 -								
31	100 2	102 1	104 -	105 1	106 -							
30	98 1	100 -	102 1	104 -	105 -	106 -						
29	96 -	98 -	100 -	102 -	103 3	105 -	106 -					
28	93 1	95 3	97 3	99 2	101 2	103 2	105 -	106 -				
27	89 2	92 2	95 -	97 1	99 1	101 1	103 2	105 -	106 -			
26	86 2	89 -	92 -	94 1	97 -	98 2	101 -	103 1	105 -	106 -		
25	83 -	85 2	88 -	91 -	93 3	96 1	98 2	101 -	103 1	105 -	106 -	
24	79 2	81 3	84 3	86 3	89 2	92 3	95 3	98 1	100 2	103 -	105 -	106 -
23	75 2	77 3	80 3	83 1	86 1	88 2	92 -	95 1	97 3	100 1	102 3	105 -
22	71 3	74 1	76 3	79 2	82 1	85 -	87 3	91 2	94 2	97 2	100 -	102 2
21	67 2	70 -	72 3	75 1	78 1	81 -	84 -	86 3	90 1	93 3	97 -	99 2
20	63 2	65 3	68 2	71 1	74 -	76 2	79 2	83 -	85 3	89 1	92 3	96 1
19	59 1	61 2	64 -	66 2	69 1	72 -	75 -	78 1	81 2	84 3	87 3	92 -
18	55 1	57 1	59 2	62 -	64 3	67 2	70 2	73 3	76 3	80 1	83 2	87 -
17	50 3	53 -	55 -	57 1	59 3	62 2	65 3	68 2	71 3	75 1	78 2	82 1
16	46 3	48 3	51 -	53 -	55 1	57 2	60 1	63 2	66 2	69 3	73 1	76 2
15	42 2	44 2	46 1	48 3	50 3	53 -	55 1	58 -	61 -	64 -	67 2	71 -
14	38 -	39 3	41 3	44 -	46 -	48 1	50 3	53 -	55 2	58 2	61 2	65 -
13	34 -	35 2	37 -	39 -	41 -	43 2	45 3	48 -	50 2	53 -	55 3	58 3
12	30 -	31 3	33 1	34 2	36 2	38 1	40 1	42 2	45 -	47 2	50 1	53 -
11	26 2	27 3	28 3	30 1	32 -	33 2	35 1	37 1	39 1	42 -	44 2	47 -
10	23 -	24 -	25 -	26 1	27 3	29 1	30 3	32 1	34 -	36 1	38 2	40 3
9	19 2	20 2	21 1	22 3	23 3	24 3	26 -	27 2	29 1	30 3	32 2	34 3
8	16 1	17 -	17 3	19 1	19 2	20 3	22 -	23 -	24 1	25 3	27 1	29 1
7	12 3	13 -	14 -	15 -	16 1	16 3	18 -	19 -	20 -	21 1	22 1	23 3
6	9 3	10 1	10 3	11 2	12 1	13 -	13 2	14 2	15 3	16 3	18 -	19 -
5	7 3	8 -	8 1	8 2	9 -	9 3	10 1	10 3	11 2	12 1	12 2	14 -
4	5 2	5 3	6 -	6 1	6 2	7 -	7 2	7 3	8 -	8 2	9 -	9 3
3	3 1	3 3	3 3	4 -	4 1	4 2	4 3	5 -	5 2	5 3	6 -	6 1
2	1 2	1 3	2 -	2 -	2 1	2 1	2 2	2 2	2 3	3 -	3 -	3 1
1	- 3	- 3	- 3	- 3	- 3	1 -	1 -	1 -	1 -	1 -	1 -	1 -

The 107 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	35	34	33	32	31	30	29	28	27	26	25	24
35	107	-										
34	106	1	107	-								
33	105	2	106	1	107	-						
32	103	3	105	1	106	1	107	-				
31	101	2	103	1	105	-	106	1	107	-		
30	99	-	101	-	103	1	104	3	106	-	107	-
29	96	3	99	-	101	-	102	3	104	3	106	-
28	94	-	96	2	98	2	100	1	102	2	104	2
27	90	2	93	2	96	-	98	1	100	1	102	1
26	87	1	89	3	92	3	95	-	97	3	99	2
25	83	3	86	1	88	3	91	3	94	2	97	-
24	80	1	82	2	85	2	87	2	90	2	93	3
23	76	1	78	2	81	2	84	0	87	-	89	2
22	72	1	75	-	77	2	80	1	83	-	85	3
21	68	1	70	3	73	1	76	-	79	-	81	3
20	64	-	66	1	69	1	71	3	74	3	77	1
19	59	3	62	-	64	3	67	1	70	-	72	3
18	55	3	58	-	60	-	62	2	65	2	68	1
17	51	1	53	2	55	3	57	3	60	2	63	1
16	47	-	49	-	51	1	53	2	55	3	58	-
15	42	3	45	-	46	3	49	1	51	1	53	2
14	38	1	40	-	42	-	44	2	46	1	48	3
13	34	1	35	3	37	2	39	2	41	1	43	3
12	30	2	32	-	33	2	35	-	36	3	38	2
11	26	3	28	-	29	-	30	2	32	1	33	3
10	23	1	24	-	25	1	26	2	28	-	29	2
9	19	2	20	2	21	2	23	-	24	-	25	-
8	16	1	17	-	18	-	19	2	19	3	21	-
7	13	-	13	1	14	1	15	1	16	1	17	-
6	9	3	10	1	11	-	11	2	12	1	13	-
5	7	3	8	-	8	2	8	3	9	1	9	3
4	5	2	5	3	6	-	6	1	6	3	7	-
3	3	1	3	3	3	3	4	-	4	1	4	2
2	1	2	1	3	1	3	2	-	2	1	2	2
1	-	3	-	3	-	3	-	3	1	-	1	-

The 108 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	35	34	33	32	31	30	29	28	27	26	25	24
35	108 -											
34	107 1	108 -										
33	106 2	107 1	108 -									
32	104 2	106 1	107 1	108 -								
31	102 2	104 -	105 3	107 1	108 -							
30	100 -	101 3	104 -	105 3	107 -	108 -						
29	97 3	99 3	102 -	103 3	105 3	107 -	108 -					
28	94 3	97 2	99 2	101 1	103 2	105 2	107 -	108 -				
27	91 1	94 1	96 3	99 -	101 -	103 1	105 1	107 -	108 -			
26	88 -	91 3	93 3	96 -	98 3	100 2	103 -	105 1	107 -	108 -		
25	84 2	87 -	89 2	92 2	95 2	98 -	100 2	102 3	105 1	107 -	108 -	
24	81 -	83 1	86 1	88 1	91 2	94 2	97 2	100 -	102 2	105 -	107 -	108 -
23	77 -	79 1	82 1	84 3	87 3	90 2	93 3	97 -	99 2	102 1	104 2	107 -
22	73 -	75 2	78 1	81 -	83 3	86 2	89 2	93 1	96 2	99 2	102 -	104 2
21	68 3	71 1	74 -	76 2	79 3	82 2	85 2	88 2	92 -	95 2	98 3	101 2
20	64 3	67 -	70 -	72 1	75 2	78 -	81 -	84 2	87 2	91 -	94 2	98 -
19	60 2	62 2	65 1	67 3	70 3	73 2	76 2	79 3	83 -	86 2	89 2	93 3
18	56 1	58 2	60 3	63 1	66 -	68 3	71 3	75 1	78 1	82 -	85 1	88 2
17	51 3	54 -	56 1	58 2	61 -	63 3	66 3	70 -	73 1	76 2	80 -	83 2
16	47 2	49 2	51 3	54 -	56 1	58 3	61 2	64 2	67 3	71 1	74 2	78 -
15	43 1	45 2	47 -	49 2	51 3	54 -	56 2	59 1	62 -	65 2	68 3	72 1
14	38 2	40 2	42 2	44 3	46 3	49 -	51 2	54 -	56 3	59 2	62 3	66 1
13	34 3	36 1	37 3	39 3	41 3	44 1	46 1	48 3	51 1	54 -	57 -	60 -
12	30 2	32 1	34 -	35 1	37 -	39 -	41 1	43 1	45 3	48 2	51 -	54 -
11	27 -	28 1	29 1	30 3	32 2	34 -	36 -	38 -	40 -	42 2	45 1	48 -
10	23 2	24 1	25 1	26 3	28 -	29 3	31 1	32 3	34 2	36 3	39 1	41 2
9	19 3	20 3	21 3	23 -	24 1	25 -	26 2	28 -	29 3	31 2	33 1	35 1
8	16 2	17 1	18 1	19 3	20 -	21 -	22 1	23 2	24 3	26 -	27 3	30 -
7	13 -	13 1	14 1	15 2	16 1	17 -	18 1	19 2	20 1	21 2	22 2	24 2
6	10 -	10 1	11 -	11 3	12 1	13 -	13 3	14 3	15 3	17 -	18 1	19 2
5	7 3	8 1	8 2	8 3	9 1	9 3	10 1	11 -	11 2	12 2	13 -	14 1
4	5 2	6 -	6 -	6 2	6 3	7 -	7 2	8 -	8 1	8 2	9 1	10 -
3	3 2	3 3	4 -	4 1	4 2	4 2	4 3	5 -	5 2	5 3	6 1	6 2
2	1 2	1 3	1 3	2 -	2 1	2 1	2 2	2 2	2 3	3 -	3 -	3 1
1	- 3	- 3	- 3	- 3	- 3	1 -	1 -	1 -	1 -	1 -	1 -	1 -

The 109 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	35	34	33	32	31	30	29	28	27	26	25	24
35	109 -											
34	108 1	109 -										
33	107 2	108 1	109 -									
32	105 2	107 1	108 1	109 -								
31	103 2	105 -	106 3	108 1	109 -							
30	101 -	102 3	105 -	106 3	108 -	109 -						
29	98 3	100 3	102 3	104 3	106 3	108 -	109 -					
28	95 3	98 1	100 2	102 1	104 2	106 2	108 -	109 -				
27	92 1	95 -	97 2	100 -	102 -	104 1	106 1	108 -	109 -			
26	88 3	91 2	94 2	96 3	99 3	101 2	104 -	106 1	108 -	109 -		
25	85 1	87 3	90 2	93 2	96 1	99 -	101 1	103 3	106 -	108 -	109 -	
24	81 3	84 -	87 -	89 1	92 1	95 2	98 2	101 -	103 2	106 -	108 -	109 -
23	77 3	80 -	83 -	85 2	88 2	91 1	94 3	98 -	100 2	103 1	105 2	108 -
22	73 2	76 1	79 -	81 3	84 2	87 1	90 2	94 1	97 1	100 1	103 -	105 2
21	69 2	72 -	74 3	77 1	80 2	83 1	86 1	89 1	93 -	96 2	99 2	102 2
20	65 1	67 2	70 3	73 -	76 1	78 3	81 3	85 1	88 1	92 -	95 2	99 -
19	61 -	63 1	66 -	68 2	71 1	74 1	77 1	80 2	83 3	87 -	90 2	94 2
18	56 3	59 -	61 1	63 3	66 2	69 2	72 2	75 3	79 -	82 3	86 -	89 2
17	52 1	54 2	56 3	59 -	61 2	64 1	67 2	70 3	73 3	77 1	80 3	84 2
16	47 3	50 -	52 1	54 2	56 3	59 1	62 -	65 1	68 1	71 3	75 1	79 -
15	43 3	45 3	47 2	50 -	52 1	54 2	57 -	59 3	62 3	66 -	69 2	73 -
14	39 -	40 3	43 -	45 1	47 1	49 2	52 -	54 2	57 1	59 3	63 1	67 -
13	35 -	36 2	38 -	40 -	42 -	44 2	46 3	49 1	51 3	54 2	57 2	60 2
12	31 -	32 2	34 1	35 2	37 2	39 1	41 2	43 3	46 -	49 1	51 2	54 2
11	27 1	28 2	29 3	31 1	32 3	34 1	36 1	38 1	40 2	42 3	45 3	48 1
10	23 2	24 2	25 2	27 -	28 1	30 -	31 1	33 1	35 -	37 -	39 2	42 -
9	20 -	21 -	21 3	23 1	24 2	25 1	26 3	28 1	29 3	31 3	33 3	35 2
8	16 2	17 3	18 2	19 3	20 1	21 1	22 2	23 3	25 -	26 1	28 -	30 -
7	13 1	13 2	14 2	15 2	16 2	17 1	18 1	19 2	20 2	21 3	22 3	24 2
6	10 -	10 2	11 1	11 3	12 2	13 1	14 -	14 3	16 -	17 -	18 2	19 2
5	7 3	8 1	8 2	8 3	9 1	10 -	10 2	11 -	11 3	12 2	13 -	14 2
4	5 2	6 -	6 1	6 2	6 3	7 1	7 2	8 -	8 1	8 2	9 1	10 -
3	3 2	3 3	4 -	4 1	4 2	4 2	4 3	5 1	5 2	5 3	6 -	6 2
2	1 2	1 3	2 -	2 -	2 -	2 1	2 2	2 2	2 3	3 -	3 -	3 1
1	- 3	- 3	- 3	- 3	- 3	1 -	1 -	1 -	1 -	1 -	1 -	1 -

The 110 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	35	34	33	32	31	30	29	28	27	26	25	24
35	110 -											
34	109 1	110 -										
33	108 1	109 1	110 -									
32	106 2	108 1	109 1	110 -								
31	104 1	106 -	107 3	109 1	110 -							
30	101 3	103 3	106 -	107 3	109 -	110 -						
29	99 3	101 2	103 3	105 3	107 2	109 -	110 -					
28	96 2	99 1	101 2	103 1	105 2	107 2	109 -	110 -				
27	93 1	96 -	98 2	101 -	103 -	105 1	107 1	109 -	110 -			
26	89 3	92 2	95 1	97 3	100 2	102 2	105 -	107 1	109 -	110 -		
25	86 1	88 2	91 1	94 2	97 1	99 3	102 1	104 3	107 -	109 -	110 -	
24	82 2	85 -	87 3	90 -	93 1	96 1	99 1	102 -	104 2	107 -	109 -	110 -
23	78 1	80 3	84 -	86 2	89 2	92 1	95 2	98 3	101 2	104 1	106 2	109 -
22	74 2	77 -	79 3	82 2	85 1	88 1	91 1	95 -	98 1	101 1	104 -	106 2
21	70 -	72 3	75 2	78 -	81 1	84 -	87 -	90 1	94 -	97 2	100 2	103 2
20	65 3	68 1	71 2	73 3	77 -	79 2	82 2	86 -	89 1	92 3	96 1	100 -
19	61 2	64 -	66 3	69 1	72 -	74 3	78 -	81 1	84 2	88 -	91 1	95 2
18	57 1	59 2	61 3	64 2	67 1	70 -	73 -	76 2	79 3	83 2	86 3	90 1
17	52 3	55 -	57 1	59 2	62 1	65 -	68 1	71 2	74 2	78 -	81 2	85 1
16	48 1	50 2	52 3	55 -	57 1	59 3	62 3	65 3	69 -	72 2	76 -	79 2
15	44 -	46 -	48 -	50 2	52 3	55 -	57 2	60 1	63 1	66 2	70 -	73 2
14	39 1	41 1	43 1	45 2	47 3	49 3	52 2	55 -	57 3	60 2	64 -	67 2
13	35 1	36 3	38 1	40 2	42 2	44 3	47 -	49 2	52 1	55 -	58 -	61 -
12	31 1	32 3	34 2	35 3	37 3	39 2	41 3	44 -	46 2	49 2	52 -	55 -
11	27 2	28 3	30 -	31 2	33 -	34 2	36 2	38 2	40 3	43 1	46 -	48 2
10	23 3	24 3	25 3	27 1	28 2	30 1	31 2	33 2	35 1	37 1	40 -	42 2
9	20 -	21 1	22 -	23 2	24 2	25 2	27 -	28 2	30 -	32 -	34 -	35 3
8	16 3	17 2	18 2	20 -	20 1	21 1	22 3	24 -	25 1	26 2	28 1	30 2
7	13 1	13 2	14 2	15 2	16 2	17 1	18 1	19 2	20 2	22 -	23 1	24 3
6	10 1	10 2	11 1	12 -	12 2	13 1	14 -	15 -	16 -	17 1	18 2	19 2
5	8 -	8 1	8 2	9 -	9 2	10 -	10 2	11 -	11 3	12 2	13 1	14 2
4	5 3	6 -	6 1	6 2	7 -	7 1	7 2	8 -	8 2	8 3	9 1	10 -
3	3 2	3 3	4 -	4 1	4 2	4 3	5 -	5 1	5 2	5 3	6 -	6 2
2	1 3	1 3	2 -	2 -	2 -	2 1	2 3	2 3	2 3	3 -	3 -	3 1
1	- 3	- 3	- 3	- 3	- 3	1 -	1 -	1 -	1 -	1 -	1 -	1 -

The 111 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	35	34	33	32	31	30	29	28	27	26	25	24
35	111 -											
34	110 1	111 -										
33	109 1	110 1	111 -									
32	107 2	109 -	110 1	111 -								
31	105 1	107 -	108 3	110 1	111 -							
30	102 3	104 2	107 -	108 3	110 -	111 -						
29	100 2	102 2	104 3	106 3	108 2	110 -	111 -					
28	97 2	100 -	102 1	104 -	106 1	108 2	110 -	111 -				
27	94 -	97 -	99 2	101 3	103 3	106 -	108 1	110 -	111 -			
26	90 2	93 1	96 -	98 2	101 1	103 1	106 -	108 1	110 -	111 -		
25	87 -	89 1	92 -	95 1	98 -	100 3	103 1	105 3	108 -	110 -	111 -	
24	83 1	85 3	88 3	91 -	94 -	97 1	100 1	103 -	105 2	108 -	110 -	111 -
23	79 -	81 2	84 2	87 1	90 1	93 -	96 1	99 3	102 2	105 -	107 2	110 -
22	75 -	77 2	80 3	83 1	86 1	89 -	92 1	96 -	99 -	102 1	105 -	107 1
21	70 3	73 1	76 1	78 3	82 1	84 3	87 3	91 -	94 3	98 1	101 2	104 2
20	66 2	68 3	72 -	74 2	77 2	80 1	83 1	86 3	90 -	93 2	97 1	101 -
19	62 -	64 1	67 -	69 3	72 2	75 2	78 2	82 -	85 1	88 3	92 -	96 1
18	57 3	60 -	62 1	65 -	67 3	70 3	73 3	77 1	80 2	84 1	87 2	91 -
17	53 1	55 2	57 3	60 -	62 3	65 2	68 3	72 -	75 1	78 3	82 1	86 -
16	48 3	51 -	53 1	55 2	57 3	60 1	63 1	66 2	69 3	73 -	76 2	80 1
15	44 2	47 3	48 2	51 -	53 1	55 2	58 -	60 3	63 3	67 1	70 2	74 1
14	39 3	41 2	43 2	46 -	48 -	50 2	53 -	55 2	58 1	61 1	64 2	68 -
13	35 2	37 1	38 2	40 3	43 -	45 1	47 2	50 1	52 3	55 2	58 2	61 2
12	31 2	33 1	34 3	36 -	38 1	39 3	42 1	44 2	47 -	49 3	52 2	55 2
11	27 3	29 -	30 1	31 3	33 1	35 -	37 -	38 3	41 -	43 2	46 2	49 1
10	24 -	25 -	26 -	27 2	28 3	30 2	32 -	33 3	35 2	38 -	40 2	42 3
9	20 1	21 2	22 1	23 3	24 3	26 -	27 1	28 3	30 1	32 1	34 2	36 1
8	17 -	17 3	18 3	20 -	20 2	21 2	23 -	24 1	25 2	26 3	28 2	30 3
7	13 2	13 3	14 3	15 3	16 3	17 2	18 2	19 3	20 3	22 1	23 1	25 -
6	10 1	10 2	11 1	12 1	12 3	13 2	14 1	15 -	16 1	17 2	18 3	20 -
5	8 -	8 2	8 3	9 -	9 2	10 -	10 2	11 1	11 3	12 3	13 1	14 3
4	5 3	6 -	6 1	6 2	7 -	7 1	7 3	8 -	8 2	8 3	9 2	10 -
3	3 2	3 3	4 -	4 1	4 2	4 3	5 -	5 1	5 2	5 3	6 -	6 2
2	1 3	1 3	2 -	2 -	2 -	2 1	2 2	2 2	2 3	3 -	3 -	3 2
1	- 3	- 3	- 3	- 3	- 3	1 -	1 -	1 -	1 -	1 -	1 -	1 -

The 112 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	35	34	33	32	31	30	29	28	27	26	25	24
35	112 -											
34	111 1	112 -										
33	110 1	111 1	112 -									
32	108 2	110 -	111 1	112 -								
31	106 1	108 -	109 3	111 1	112 -							
30	103 3	105 2	108 -	109 3	111 -	112 -						
29	101 2	103 1	105 3	107 2	109 2	111 -	112 -					
28	98 1	101 -	103 -	105 -	107 1	109 2	111 -	112 -				
27	94 3	97 3	100 1	102 3	104 3	107 -	109 1	111 -	112 -			
26	91 1	94 -	97 -	99 2	102 1	104 1	106 3	109 1	111 -	112 -		
25	87 2	90 1	93 -	96 1	99 -	101 3	104 1	106 3	109 -	111 -	112 -	
24	84 -	86 2	89 2	91 3	95 -	98 -	101 -	104 -	106 1	109 -	111 -	112 -
23	79 3	82 1	85 1	88 -	91 -	93 3	97 1	100 3	103 2	106 -	108 2	111 -
22	75 2	78 1	81 2	84 -	87 -	89 3	93 -	96 3	100 -	103 1	105 3	108 1
21	71 1	74 -	77 -	79 2	83 -	85 2	88 2	92 -	95 3	99 -	102 1	105 2
20	67 -	69 2	72 3	75 -	78 1	81 -	84 -	87 2	90 3	94 2	98 -	102 -
19	62 2	65 -	67 2	70 2	73 1	76 1	79 1	82 3	86 -	89 2	93 -	97 1
18	58 1	60 2	63 -	65 2	68 2	71 1	74 2	77 3	81 1	85 -	88 1	92 -
17	53 3	56 -	58 1	60 2	63 2	66 1	69 1	72 2	76 -	79 2	83 -	86 3
16	49 1	51 2	53 3	56 -	58 1	60 3	63 3	67 -	70 1	73 3	77 1	81 1
15	44 3	47 -	48 3	51 2	53 3	56 -	58 2	61 1	64 2	67 3	71 1	75 -
14	40 -	42 -	44 -	46 2	48 1	51 -	53 2	56 -	58 3	61 3	65 -	68 3
13	35 3	37 2	39 -	41 1	43 1	45 2	48 -	50 2	53 -	56 -	59 -	62 -
12	31 3	33 2	35 -	36 2	38 2	40 1	42 3	45 -	47 2	50 1	53 -	56 -
11	28 -	29 1	30 2	32 -	33 2	35 1	37 1	39 2	41 2	44 -	47 -	49 3
10	24 1	25 1	26 1	27 3	29 -	30 3	32 1	34 1	35 3	38 1	40 3	43 -
9	20 2	21 2	22 2	24 -	25 -	26 1	27 2	29 -	30 2	32 2	34 3	36 2
8	17 -	17 3	19 -	20 1	20 3	21 3	23 1	24 2	25 3	27 -	28 3	30 3
7	13 2	13 3	15 -	15 3	16 3	17 3	18 3	20 -	21 -	22 2	23 2	25 1
6	10 2	10 2	11 2	12 1	12 3	13 2	14 1	15 1	16 1	17 2	19 -	20 -
5	8 -	8 2	9 -	9 -	9 3	10 1	10 3	11 1	12 -	13 -	13 2	14 3
4	5 3	6 1	6 1	6 3	7 -	7 2	7 3	8 -	8 2	8 3	9 2	10 -
3	3 2	4 -	4 -	4 1	4 3	4 3	5 -	5 1	5 2	6 -	6 1	6 2
2	1 3	1 3	2 -	2 -	2 -	2 1	2 2	2 2	2 3	3 -	3 1	3 2
1	- 3	- 3	- 3	- 3	- 3	1 -	1 -	1 -	1 -	1 -	1 -	1 -

The 113 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	35	34	33	32	31	30	29	28	27	26	25	24
35	113 -											
34	112 1	113 -										
33	111 1	112 1	113 -									
32	109 2	111 -	112 1	113 -								
31	107 -	109 -	110 3	112 1	113 -							
30	104 2	106 2	109 -	110 2	112 1	113 -						
29	102 1	104 1	106 2	108 2	110 2	112 -	113 -					
28	99 1	102 -	104 -	106 -	108 1	110 2	112 -	113 -				
27	95 2	98 2	101 1	103 3	105 3	108 -	110 1	112 -	113 -			
26	92 -	95 -	98 -	100 1	103 1	105 1	107 3	110 1	112 -	113 -		
25	88 1	91 -	93 3	97 -	99 3	102 2	105 -	107 2	110 -	112 -	113 -	
24	84 3	87 1	90 1	92 2	95 3	99 -	102 -	104 3	107 1	109 3	112 -	113 -
23	80 2	83 -	86 -	88 3	92 -	94 3	98 -	101 2	104 1	107 -	109 2	112 -
22	76 1	79 -	82 -	84 3	87 3	90 2	93 3	97 3	101 -	104 -	106 3	109 1
21	71 3	74 2	77 2	80 1	83 2	86 1	89 1	92 3	96 2	100 -	103 1	106 1
20	67 2	70 -	73 2	75 3	79 -	81 3	84 3	88 1	91 2	95 1	99 -	102 3
19	63 1	65 2	68 1	71 1	74 -	76 3	80 -	83 2	86 3	90 1	93 3	98 -
18	58 3	61 -	63 2	66 1	69 -	72 -	75 1	78 2	82 -	85 2	89 -	92 3
17	54 1	56 2	59 -	61 -	64 -	66 3	70 -	73 1	76 2	80 1	83 3	87 2
16	49 2	52 -	54 -	56 2	58 3	61 1	64 1	67 2	71 -	74 2	77 3	81 3
15	45 1	47 2	49 1	52 -	54 1	56 2	59 -	62 -	65 -	68 1	72 -	75 2
14	40 1	42 1	44 2	46 3	48 3	51 2	54 -	56 2	59 1	62 1	65 2	69 1
13	36 1	37 3	39 1	41 2	43 3	46 -	48 2	51 -	53 2	56 2	59 2	62 3
12	32 -	33 3	35 2	36 3	38 3	40 2	43 -	45 2	48 -	50 3	53 2	56 2
11	28 1	29 2	30 3	32 1	33 3	35 3	37 2	39 3	41 3	44 2	47 2	50 1
10	24 2	25 2	26 2	28 -	29 1	31 -	32 2	34 2	36 1	38 2	41 -	43 2
9	20 2	21 3	22 2	24 1	25 1	26 2	27 3	29 1	30 3	32 3	35 1	37 -
8	17 1	18 -	19 -	20 2	20 3	22 -	23 2	24 3	26 -	27 2	29 -	31 1
7	13 3	14 -	15 -	16 -	17 -	18 -	18 3	20 -	21 1	22 3	23 3	25 2
6	10 2	10 2	11 2	12 2	13 -	13 3	14 2	15 1	16 2	17 3	19 -	20 1
5	8 1	8 3	9 -	9 -	9 3	10 1	10 3	11 1	12 -	13 -	13 2	15 -
4	6 -	6 1	6 2	6 3	7 -	7 2	7 3	8 1	8 2	9 -	9 2	10 1
3	3 2	4 -	4 -	4 1	4 3	4 3	5 -	5 2	5 2	6 -	6 1	6 2
2	1 3	1 3	2 -	2 -	2 -	2 1	2 2	2 3	3 -	3 -	3 1	3 2
1	- 3	- 3	- 3	- 3	- 3	1 -	1 -	1 -	1 -	1 -	1 -	1 -

The 114 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	35	34	33	32	31	30	29	28	27	26	25	24
35	114 -											
34	113 1	114 -										
33	112 1	113 1	114 -									
32	110 1	112 -	113 1	114 -								
31	108 -	110 -	111 3	113 1	114 -							
30	105 2	107 2	109 3	111 3	113 1	114 -						
29	103 1	105 1	107 2	109 2	111 2	113 -	114 -					
28	100 -	102 3	104 3	107 -	109 1	111 2	113 -	114 -				
27	96 2	99 1	102 -	104 2	106 2	109 -	111 1	113 -	114 -			
26	93 -	95 3	98 3	101 1	104 -	106 1	108 3	110 1	113 -	114 -		
25	89 -	91 3	94 2	98 -	100 3	103 2	106 -	108 2	111 -	113 -	114 -	
24	85 2	88 -	91 -	93 2	96 2	99 3	103 -	105 3	108 1	110 3	113 -	114 -
23	81 1	83 3	86 3	89 2	92 3	95 2	99 -	102 2	105 1	108 -	110 2	113 -
22	77 -	80 -	82 3	85 2	88 2	91 2	94 3	98 2	102 -	105 -	107 3	110 1
21	72 1	75 1	78 -	81 -	84 1	87 -	90 1	93 2	97 1	100 3	104 1	107 1
20	68 1	70 3	74 -	76 2	79 3	82 2	85 2	89 1	92 2	96 1	99 3	103 3
19	63 3	66 -	69 -	71 3	74 2	77 2	80 3	84 1	87 2	91 1	94 2	99 -
18	59 1	61 3	64 -	66 3	69 2	72 3	75 3	79 1	82 3	86 1	90 -	93 2
17	54 3	57 -	59 1	61 2	64 2	67 1	70 3	74 -	77 1	81 -	84 2	88 1
16	50 -	52 1	54 3	57 -	59 1	61 3	65 -	68 1	71 2	75 -	78 2	82 2
15	45 3	48 -	49 3	52 2	54 3	57 -	59 2	62 2	65 2	69 -	72 2	76 1
14	40 3	42 3	44 3	47 1	49 1	52 -	54 2	57 -	59 3	63 -	66 1	70 -
13	36 2	38 1	39 3	41 3	44 1	46 2	49 -	51 2	54 -	57 -	60 -	63 1
12	32 2	34 -	35 3	37 -	39 1	40 3	43 1	45 3	48 2	51 -	54 -	57 -
11	28 2	29 3	31 -	32 2	34 1	36 -	38 -	40 -	42 1	44 3	47 3	50 3
10	24 3	25 3	26 3	28 1	29 2	31 1	33 -	34 3	36 2	39 -	41 2	44 -
9	20 3	22 -	22 3	24 2	25 2	26 3	28 -	29 2	31 -	33 -	35 2	37 1
8	17 1	18 -	19 1	20 2	21 -	22 1	23 3	24 3	26 1	27 3	29 1	31 2
7	13 3	14 -	15 1	16 -	17 -	18 1	19 -	20 1	21 2	22 3	23 3	25 3
6	10 2	10 3	11 2	12 2	13 -	13 3	14 2	15 2	16 2	17 3	19 1	20 1
5	8 1	8 3	9 1	9 1	9 3	10 1	10 3	11 2	12 -	13 1	13 3	15 -
4	6 -	6 1	6 2	6 3	7 1	7 2	8 -	8 1	8 2	9 -	9 3	10 1
3	3 3	4 -	4 1	4 1	4 3	4 3	5 -	5 -	5 3	6 -	6 1	6 2
2	1 3	1 3	2 -	2 -	2 -	2 1	2 2	2 3	3 -	3 -	3 1	3 2
1	- 3	- 3	- 3	- 3	- 3	1 -	1 -	1 -	1 -	1 -	1 -	1 -

The 115 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	35	34	33	32	31	30	29	28	27	26	25	24
35	115 -											
34	114 1	115 -										
33	113 1	114 1	115 -									
32	111 1	113 -	114 1	115 -								
31	109 -	110 3	112 3	114 1	115 -							
30	106 2	108 2	110 3	112 3	114 -	115 -						
29	104 -	106 -	108 1	110 2	112 2	114 -	115 -					
28	101 -	103 2	105 3	108 -	110 -	112 2	114 -	115 -				
27	97 1	100 -	103 -	105 2	107 2	110 -	112 1	114 -	115 -			
26	93 3	96 2	99 3	102 -	105 -	107 -	109 3	112 1	114 -	115 -		
25	89 3	92 2	95 1	98 3	101 2	104 2	107 -	109 2	112 -	114 -	115 -	
24	86 1	88 3	92 -	94 1	97 2	100 3	104 -	106 3	109 1	111 3	114 -	115 -
23	82 -	84 2	87 2	90 1	93 2	96 1	100 -	103 2	106 1	109 -	111 2	114 -
22	77 2	80 2	83 2	86 1	89 1	92 1	95 2	99 2	102 3	106 -	108 3	111 1
21	73 1	76 -	78 3	81 3	85 -	87 3	91 -	94 1	98 1	101 3	105 1	108 1
20	68 3	71 1	74 2	77 -	80 2	83 -	86 1	90 -	93 1	97 -	100 3	104 3
19	64 1	66 3	69 2	72 1	75 1	78 1	81 2	85 -	88 1	92 -	95 2	100 -
18	59 3	62 -	64 2	67 1	70 1	73 1	76 1	80 -	83 2	86 3	90 3	94 2
17	55 1	57 2	60 -	62 1	65 -	68 -	71 1	74 2	78 -	81 3	85 1	89 -
16	50 2	53 -	55 -	57 2	59 3	62 2	65 2	68 3	72 1	75 3	79 1	83 1
15	46 -	48 1	50 -	52 3	55 1	57 2	60 -	63 -	66 1	69 3	73 1	77 -
14	41 -	43 1	45 1	47 3	49 3	52 1	55 -	57 2	60 1	63 2	66 3	70 3
13	36 3	38 2	40 -	42 1	44 2	46 3	49 2	52 -	54 2	57 2	60 2	64 -
12	32 2	34 1	36 -	37 2	39 2	41 1	43 3	46 1	48 3	51 2	54 2	57 2
11	28 3	30 -	31 1	32 3	34 2	36 1	38 1	40 2	42 2	45 -	48 1	51 -
10	25 -	26 -	27 -	28 2	29 3	31 3	33 1	35 -	36 3	39 1	41 3	44 1
9	21 -	22 -	23 -	24 2	25 3	27 -	28 1	29 3	31 1	33 1	35 3	37 2
8	17 2	18 1	19 2	20 3	21 1	22 1	24 -	25 -	26 2	28 -	29 2	31 3
7	14 -	14 1	15 1	16 1	17 1	18 1	19 1	20 2	21 2	23 -	24 -	25 3
6	10 2	11 1	11 3	12 3	13 1	14 -	14 3	15 2	16 3	18 -	19 1	20 2
5	8 2	8 3	9 1	9 1	10 -	10 2	11 -	11 2	12 1	13 1	13 3	15 -
4	6 -	6 1	6 3	6 3	7 1	7 2	8 -	8 1	8 3	9 -	9 3	10 1
3	3 3	4 -	4 1	4 1	4 3	5 -	5 -	5 2	5 3	6 -	6 1	6 2
2	1 3	1 3	2 -	2 -	2 -	2 1	2 2	2 3	3 -	3 -	3 1	3 2
1	- 3	- 3	- 3	- 3	- 3	1 -	1 -	1 -	1 -	1 -	1 -	1 -

The 116 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	35	34	33	32	31	30	29	28	27	26	25	24
35	116 -											
34	115 1	116 -										
33	114 1	115 1	116 -									
32	112 1	114 -	115 1	116 -								
31	109 3	111 3	113 3	115 1	116 -							
30	107 2	109 1	111 3	113 3	115 -	116 -						
29	105 -	107 -	109 1	111 2	113 2	115 -	116 -					
28	101 3	104 1	106 3	108 3	111 -	113 1	115 -	116 -				
27	98 1	101 1	103 3	106 1	108 1	110 3	113 -	115 -	116 -			
26	94 2	97 1	100 2	103 -	106 -	108 -	110 3	113 -	115 -	116 -		
25	90 3	93 2	96 1	99 2	102 2	105 1	108 -	110 2	113 -	115 -	116 -	
24	87 -	89 2	92 3	95 -	98 1	101 2	105 -	107 2	110 1	112 3	115 -	116 -
23	82 2	85 1	88 1	91 1	94 1	97 1	101 -	104 1	107 1	110 -	112 2	115 -
22	78 1	81 1	84 -	87 -	90 -	93 -	96 1	100 1	103 3	106 3	109 2	112 1
21	73 3	76 2	79 1	82 2	85 3	88 2	92 -	95 1	99 -	102 3	106 -	109 -
20	69 2	72 -	75 2	77 3	81 1	83 3	87 -	90 3	94 1	98 -	101 2	105 2
19	64 3	67 1	70 -	73 -	76 -	79 -	82 1	85 3	89 1	93 -	96 1	100 3
18	60 2	62 3	65 -	67 3	71 -	74 -	77 -	80 3	84 1	87 3	91 2	95 1
17	55 2	58 -	60 2	62 3	65 2	68 2	72 -	75 1	78 2	82 1	86 -	90 -
16	51 -	53 1	55 2	58 -	60 2	63 -	66 -	69 2	72 3	76 2	80 -	84 -
15	46 2	48 3	50 2	53 1	55 2	58 -	60 2	63 2	66 3	70 1	74 -	77 2
14	41 2	43 2	45 3	48 1	50 1	52 3	55 2	58 -	60 3	64 -	67 2	71 1
13	37 1	38 3	40 2	42 2	44 3	47 1	50 -	52 2	55 -	58 -	61 -	64 2
12	33 -	34 3	36 1	37 3	39 3	41 2	44 -	46 2	49 1	52 -	55 -	58 -
11	29 -	30 2	31 3	33 -	34 3	36 2	38 2	40 3	43 -	45 2	48 2	51 2
10	25 -	26 -	27 1	28 3	30 1	32 -	33 2	35 1	37 1	39 2	42 -	44 3
9	21 1	22 1	23 1	24 3	26 -	27 1	28 2	30 -	31 2	33 2	36 -	37 3
8	17 2	18 2	19 2	21 -	21 2	22 2	24 -	25 1	26 2	28 1	30 -	32 -
7	14 -	14 1	15 2	16 2	17 2	18 2	19 2	20 2	21 2	23 -	24 1	26 -
6	10 3	11 2	12 -	12 3	13 1	14 -	14 3	15 3	16 3	18 -	19 2	20 2
5	8 2	9 -	9 1	9 2	10 -	10 2	11 -	11 2	12 1	13 1	14 -	15 1
4	6 1	6 2	6 3	7 -	7 1	7 3	8 -	8 2	8 3	9 1	9 3	10 2
3	3 3	4 -	4 1	4 1	4 3	5 -	5 -	5 2	5 3	6 -	6 2	6 3
2	1 3	1 3	2 -	2 1	2 1	2 2	2 2	2 3	3 -	3 1	3 1	3 2
1	- 3	- 3	- 3	- 3	- 3	1 -	1 -	1 -	1 -	1 -	1 -	1 -

The 118 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	35	34	33	32	31	30	29	28	27	26	25	24
35	118 -											
34	117 1	118 -										
33	116 1	117 1	118 -									
32	114 1	116 1	117 1	118 -								
31	111 3	113 3	115 3	117 1	118 -							
30	109 1	111 1	113 2	115 2	117 -	118 -						
29	106 3	109 -	111 -	113 1	115 2	117 -	118 -					
28	103 2	106 -	108 2	110 3	113 -	115 1	117 -	118 -				
27	99 3	102 3	105 2	108 1	110 1	112 3	115 1	117 -	118 -			
26	96 1	99 -	102 1	104 2	107 3	110 -	112 2	115 -	117 -	118 -		
25	92 2	95 -	98 -	101 1	104 -	107 1	110 -	112 2	114 3	117 -	118 -	
24	88 2	91 -	94 2	96 3	100 -	103 1	106 3	109 2	112 1	114 3	117 -	118 -
23	84 -	86 3	89 3	92 3	96 -	99 -	102 3	106 1	109 -	111 3	114 2	117 -
22	79 3	82 3	85 2	88 2	91 3	94 3	98 -	102 1	105 2	108 3	111 2	114 1
21	75 1	78 -	81 -	83 3	87 1	90 1	93 2	97 -	100 3	104 2	108 -	111 -
20	70 2	73 1	76 2	79 -	82 2	85 1	88 2	92 1	95 3	99 2	103 1	107 1
19	66 -	68 2	71 2	74 1	77 1	80 1	83 2	87 1	90 3	94 2	98 -	102 2
18	61 2	63 3	66 1	69 -	72 1	75 1	78 2	82 1	85 3	89 2	93 1	97 -
17	56 2	59 -	61 2	63 3	66 3	69 3	73 -	76 2	80 -	83 3	87 1	91 2
16	51 3	54 1	56 2	59 -	61 2	64 -	67 1	70 3	74 -	77 3	81 2	85 2
15	47 2	49 2	51 2	54 1	56 2	59 -	61 2	64 3	68 -	71 2	75 1	79 -
14	42 1	44 1	46 2	49 -	51 -	53 3	56 2	59 -	62 -	65 1	68 2	72 2
13	37 3	39 2	41 1	43 1	45 2	48 -	50 3	53 1	56 -	59 -	62 1	65 2
12	33 2	35 1	36 3	38 2	40 2	42 1	45 -	47 1	50 -	52 3	55 3	59 -
11	29 2	31 -	32 1	33 2	35 2	37 1	39 1	41 2	43 3	46 1	49 2	52 1
10	25 2	26 2	27 3	29 1	30 3	32 2	34 -	35 3	37 3	40 1	42 3	45 2
9	21 2	22 3	23 2	25 -	26 1	27 2	29 -	30 2	32 -	34 1	36 2	38 2
8	18 -	18 3	20 -	21 1	22 -	23 -	24 2	25 3	27 -	28 2	30 2	32 2
7	14 1	14 2	15 3	16 3	17 3	18 3	19 3	20 3	22 -	23 2	24 2	26 2
6	11 -	11 3	12 1	13 -	13 2	14 1	15 -	15 3	17 -	18 2	19 3	21 -
5	8 2	9 -	9 2	9 2	10 1	10 2	11 1	11 3	12 2	13 2	14 1	15 2
4	6 1	6 2	7 -	7 -	7 2	7 3	8 -	8 2	9 -	9 1	10 -	10 3
3	3 3	4 -	4 2	4 2	4 3	5 -	5 1	5 2	5 3	6 1	6 2	7 -
2	1 3	1 3	2 -	2 1	2 1	2 2	2 2	2 3	3 -	3 1	3 1	3 2
1	- 3	- 3	- 3	- 3	- 3	1 -	1 -	1 -	1 -	1 -	1 -	1 -

The 119 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	35	34	33	32	31	30	29	28	27	26	25	24
35	119 -											
34	118 1	119 -										
33	117 1	118 1	119 -									
32	115 1	117 -	118 1	119 -								
31	112 2	114 2	116 3	118 1	119 -							
30	110 1	112 -	114 2	116 2	118 -	119 -						
29	107 3	110 -	112 -	114 1	116 2	118 -	119 -					
28	104 1	107 -	109 2	111 2	114 -	116 1	118 -	119 -				
27	100 2	103 2	106 2	109 -	111 1	113 3	116 1	118 -	119 -			
26	97 -	99 3	103 -	105 2	108 3	111 -	113 2	116 -	118 -	119 -		
25	93 1	95 3	98 3	102 1	105 -	108 1	110 3	113 2	115 3	118 -	119 -	
24	89 1	92 -	95 1	97 2	101 -	104 1	107 3	110 2	113 -	115 3	118 -	119 -
23	84 3	87 2	90 2	93 3	96 3	99 3	103 2	107 -	110 -	112 3	115 2	118 -
22	80 1	83 1	86 2	89 1	92 2	95 3	99 -	103 -	106 1	109 2	112 2	115 1
21	75 3	78 2	81 2	84 2	88 -	91 -	94 1	97 3	101 3	105 2	109 -	112 -
20	71 1	74 -	77 2	79 3	83 1	86 -	89 1	93 1	96 2	100 2	104 1	108 1
19	66 2	69 -	72 -	75 -	77 3	81 -	84 1	88 -	91 2	95 1	99 -	103 2
18	62 -	64 1	66 3	69 3	72 3	75 3	79 1	83 -	86 2	90 1	94 -	97 3
17	57 -	59 2	62 -	64 2	67 1	70 2	73 3	77 1	80 3	84 2	88 -	92 2
16	52 1	54 3	57 -	59 2	62 -	64 3	67 3	71 2	74 3	78 2	82 1	86 1
15	47 3	50 -	51 3	54 2	57 -	59 2	62 1	65 1	68 2	72 1	75 3	79 3
14	42 3	44 2	47 -	49 1	51 2	54 -	56 3	59 2	62 2	65 3	69 -	73 1
13	38 1	39 3	41 2	43 3	46 -	48 2	51 1	53 3	56 2	59 2	62 3	66 -
12	33 3	35 2	37 -	38 3	41 -	42 3	45 1	47 2	50 2	53 1	56 1	59 2
11	29 3	31 1	32 2	33 3	35 3	37 2	39 2	41 3	44 -	46 3	50 -	52 3
10	25 3	26 3	28 -	29 2	31 -	32 3	34 1	36 -	38 -	40 2	43 1	45 3
9	21 3	23 -	23 3	25 1	26 2	27 3	29 1	30 3	32 2	34 2	36 3	39 3
8	18 -	19 -	20 -	21 2	22 -	23 1	24 2	25 3	27 1	28 3	30 3	32 3
7	14 2	14 3	15 3	16 3	17 3	18 3	19 3	21 -	22 1	23 3	24 3	26 2
6	11 -	11 3	12 1	13 -	13 3	14 2	15 -	16 -	17 1	18 2	19 3	21 1
5	8 -	9 -	9 2	9 3	10 1	10 3	11 1	11 3	12 3	13 2	14 1	15 2
4	6 2	6 2	7 -	7 -	7 2	8 -	8 1	8 2	9 -	9 2	10 -	10 3
3	3 3	4 -	4 2	4 2	4 3	5 -	5 1	5 2	5 3	6 1	6 2	7 -
2	1 3	2 -	2 -	2 1	2 1	2 2	2 2	2 3	3 -	3 1	3 1	3 2
1	- 3	- 3	- 3	- 3	- 3	1 -	1 -	1 -	1 -	1 -	1 -	1 -

The 121 Gallon Cask, whose Bung Diameter dips in Inches, viz.

[illegible]

The 122 Gallon Cask, whose Bung Diameter dips in Inches, viz.

[illegible]

The 123 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	30	35	34	33	32	31	30	29	28	27	26	25
36	123	-										
35	122	1 123	-									
34	121	- 122	1 123	-								
33	119	1 121	- 122	1 123	-							
32	116	3 119	- 121	- 122	1 123	-						
31	114	1 116	1 118	2 120	2 122	- 123	-					
30	111	3 113	3 116	- 118	1 120	2 122	- 123	-				
29	108	1 111	1 113	2 116	- 118	1 120	1 122	- 123	-			
28	105	- 107	3 110	3 113	- 115	1 117	3 120	1 122	- 123	-		
27	101	1 104	- 107	- 110	- 112	2 115	- 117	2 120	- 122	- 123	-	
26	97	1 100	- 103	- 106	2 109	- 112	1 114	3 117	1 120	- 122	- 123	-
25	93	1 96	1 98	3 102	- 105	3 108	1 111	3 114	2 117	1 119	3 122	- 123
24	89	- 92	1 95	- 98	1 101	- 104	1 107	3 111	1 114	1 117	- 119	2 122
23	84	3 87	2 90	1 93	3 96	3 100	- 103	- 107	- 110	3 113	3 116	2 119
22	80	2 83	- 86	- 89	- 92	1 95	3 98	3 102	1 106	2 110	- 113	1 116
21	75	2 78	1 81	1 84	1 87	1 91	- 94	- 97	2 101	- 105	1 109	- 112
20	70	3 73	2 76	1 80	- 82	2 86	- 88	3 92	2 96	1 100	- 104	- 107
19	66	1 68	3 71	2 74	1 77	1 80	2 83	3 87	1 91	- 94	3 98	2 102
18	61	2 64	- 66	2 69	- 72	- 75	1 78	1 82	- 85	3 89	1 93	1 97
17	56	1 59	- 61	2 64	- 66	2 69	2 72	3 76	1 79	3 83	2 87	1 91
16	52	- 54	- 56	2 59	- 61	2 64	- 66	3 70	1 73	3 77	1 81	1 85
15	47	- 49	1 51	2 53	2 56	2 59	- 61	2 64	1 67	2 70	3 74	2 78
14	42	1 44	- 46	1 48	1 51	- 53	1 56	- 58	3 61	2 64	2 68	- 71
13	38	- 39	2 41	1 42	3 45	1 47	2 50	- 52	3 55	2 58	2 61	2 64
12	33	2 34	3 36	3 38	1 40	- 42	1 44	1 46	3 49	1 52	1 55	- 58
11	29	1 30	3 32	1 33	2 35	- 37	- 38	3 40	3 43	1 45	2 48	2 51
10	25	2 26	2 27	3 28	3 30	2 32	- 33	3 35	2 37	1 39	1 41	3 44
9	21	2 22	2 23	2 24	2 26	1 27	1 28	3 30	1 31	3 33	2 35	3 38
8	17	3 18	3 19	2 20	3 22	- 23	3 24	- 25	2 26	3 28	- 29	3 31
7	14	- 15	- 15	- 16	2 17	1 18	2 19	1 20	2 21	3 22	3 24	2 25
6	11	- 11	2 12	1 12	3 13	3 14	2 14	3 15	2 16	2 17	3 19	- 20
5	8	2 9	- 9	2 10	- 10	- 10	3 11	- 11	3 12	1 13	- 14	- 14
4	6	1 6	3 6	3 7	- 7	2 7	3 8	1 8	2 8	3 9	1 9	3 10
3	3	3 4	- 4	1 4	3 4	3 5	- 5	1 5	2 5	3 5	- 6	2 6
2	1	3 1	3 2	- 2	1 2	1 2	2 2	2 2	3 3	- 3	1 3	1 3
1	-	3	- 3	- 3	- 3	1	- 1	- 1	- 1	- 1	- 1	- 1

The 124 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	36	35	34	33	32	31	30	29	28	27	26	25
36	124 -											
35	123 1	124 -										
34	122 -	123 1	124 -									
33	120 -	122 1	123 1	124 -								
32	117 3	120 -	122 -	123 1	124 -							
31	115 1	117 1	119 2	121 2	123 -	124 -						
30	112 3	114 3	116 3	119 1	121 2	123 -	124 -					
29	109 1	112 1	114 2	116 3	119 -	121 1	123 -	124 -				
28	105 3	108 3	111 2	114 -	116 -	118 3	121 1	123 -	124 -			
27	102 -	104 3	107 3	110 3	113 2	116 -	118 2	121 -	123 -	124 -		
26	98 1	101 -	103 3	107 1	109 3	113 1	115 2	118 1	121 -	123 -	124 -	
25	94 -	97 -	99 2	103 -	106 2	109 1	112 3	115 2	118 1	120 2	123 -	124 -
24	89 3	93 -	95 3	99 -	101 3	105 1	108 3	112 -	115 -	117 3	120 2	123 -
23	85 1	88 1	91 -	94 2	97 2	101 -	104 -	108 -	111 2	114 2	117 2	120 1
22	81 1	83 3	86 3	90 -	93 -	96 2	99 2	103 1	107 1	110 3	114 1	117 1
21	76 1	79 -	82 -	85 -	88 -	91 3	95 -	98 1	102 -	106 -	110 -	113 2
20	71 1	74 1	77 -	80 2	83 1	86 3	89 2	93 1	97 1	100 3	104 3	108 2
19	66 3	69 1	72 -	75 -	78 -	81 1	84 2	87 3	91 3	95 2	99 1	103 -
18	62 -	64 2	67 -	69 2	72 2	75 3	79 -	82 2	86 1	90 -	94 -	98 -
17	56 3	59 2	62 -	64 2	67 -	70 1	73 1	76 3	80 1	84 -	88 -	92 -
16	52 1	54 2	57 -	59 2	62 -	64 2	67 1	70 3	74 1	77 3	81 3	85 3
15	47 2	49 2	52 -	54 -	57 -	59 2	62 -	64 3	68 -	71 1	75 -	79 -
14	42 2	44 1	46 2	48 3	51 2	53 2	56 2	59 1	62 -	65 -	68 2	72 -
13	38 1	39 3	41 2	43 1	45 3	48 -	50 2	53 1	56 -	59 -	62 -	65 1
12	34 -	35 -	37 -	38 2	40 1	42 2	44 2	47 1	49 3	52 3	55 2	58 3
11	29 2	31 -	32 2	33 3	35 2	37 1	39 -	41 1	43 2	46 -	49 -	52 -
10	25 2	26 3	28 -	29 -	30 3	32 1	34 -	36 -	37 3	39 3	42 1	45 -
9	21 3	22 2	23 3	24 3	26 2	27 2	29 -	30 2	32 -	34 -	36 -	38 1
8	18 -	19 -	19 3	21 -	22 1	22 3	24 1	25 3	26 3	28 1	30 -	32 -
7	14 1	15 -	15 1	16 2	17 2	18 2	19 2	20 2	21 3	23 -	24 3	26 -
6	11 1	11 2	12 1	13 -	13 3	14 2	15 -	15 3	16 3	18 1	19 1	20 2
5	8 2	9 -	9 2	10 -	10 1	10 3	11 -	11 3	12 2	13 1	14 -	15 -
4	6 1	6 3	6 3	7 1	7 2	7 3	8 1	8 2	8 3	9 1	9 3	10 2
3	3 3	4 -	4 1	4 3	4 3	5 -	5 1	5 3	5 3	6 -	6 2	6 3
2	1 3	1 3	2 -	2 1	2 1	2 2	2 2	3 -	3 -	3 1	3 2	3 2
1	- 3	- 3	- 3	- 3	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -

The 125 Gallon Cask, whose Bung Diameter dips in Inches, **112.**

[illegible]

The 126 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	36	35	34	33	32	31	30	29	28	27	26	25
36	126	-										
35	125	1	126	-								
34	124	-	125	1	126	-						
33	122	-	124	1	125	1	126	-				
32	119	2	122	-	124	-	125	1	126	-		
31	117	-	119	-	121	1	123	2	125	-	126	-
30	114	2	116	2	118	3	121	1	123	1	125	-
29	111	-	114	-	116	2	118	3	121	-	123	1
28	107	1	110	1	113	1	116	-	118	-	120	3
27	103	2	106	2	109	2	112	2	115	1	117	3
26	99	3	102	1	105	2	109	-	111	3	115	-
25	95	2	98	2	101	2	104	1	108	1	111	-
24	91	1	94	2	97	1	100	2	103	1	106	3
23	86	3	89	3	92	2	96	-	99	-	102	2
22	82	2	85	-	88	-	91	2	94	2	98	-
21	77	1	80	1	83	1	86	1	89	1	93	1
20	72	2	75	1	78	-	82	-	84	2	88	-
19	67	3	70	2	73	-	76	-	79	1	82	2
18	63	-	65	2	68	-	70	2	73	3	77	-
17	57	3	60	2	63	-	65	2	68	-	71	1
16	53	1	55	1	58	-	60	2	63	-	65	2
15	48	-	50	2	53	-	55	-	58	-	60	2
14	43	1	45	1	47	1	49	2	52	1	54	2
13	38	3	40	2	42	1	43	3	46	2	48	3
12	34	2	35	3	37	2	39	1	41	-	43	1
11	30	-	31	2	33	-	34	2	36	-	38	-
10	26	-	27	1	28	2	29	2	31	1	32	3
9	22	-	23	-	24	1	25	1	27	-	28	-
8	18	-	19	1	20	-	21	2	22	3	23	1
7	14	2	15	1	15	2	16	3	17	3	19	3
6	11	2	11	3	12	2	13	1	14	-	14	3
5	8	3	9	1	9	2	10	-	10	1	11	-
4	6	1	6	3	7	-	7	1	7	2	8	-
3	3	3	4	-	4	1	4	3	4	3	5	-
2	1	3	1	3	2	-	2	1	2	2	2	2
1	-	3	-	3	-	3	1	-	1	-	1	-

The 127 Gallon Cask, whose Bung Diameter dips in Inches, $9\frac{1}{2}$.

	36	35	34	33	32	31	30	29	28	27	26	25
36	127	-										
35	126	1	127	-								
34	125	-	126	1	127	-						
33	123	-	125	-	126	1	127	-				
32	120	2	123	-	125	-	126	1	127	-		
31	118	-	120	-	122	1	124	2	126	-	127	-
30	115	2	117	2	119	3	122	1	124	1	126	-
29	112	-	115	-	117	1	119	3	122	-	124	1
28	108	1	111	1	114	1	117	-	119	-	121	3
27	104	1	107	1	110	2	113	2	116	1	118	3
26	102	-	103	1	106	2	110	-	112	2	116	-
25	96	1	99	1	102	-	105	-	109	-	112	-
24	92	-	95	1	98	-	101	2	104	1	107	2
23	87	2	90	2	93	2	96	2	99	3	103	1
22	83	-	85	3	89	-	92	1	95	1	98	3
21	78	-	81	-	84	-	87	-	90	-	94	-
20	73	-	75	3	78	3	82	2	85	1	88	3
19	68	1	71	-	73	3	76	2	79	3	83	1
18	63	2	66	-	68	3	71	1	74	2	77	2
17	58	1	61	-	63	2	66	-	68	2	71	3
16	53	2	55	2	58	1	61	-	63	2	66	-
15	48	2	50	3	53	1	55	1	58	2	61	-
14	43	2	45	2	47	3	50	-	52	2	55	-
13	39	40	3	42	2	44	1	46	3	49	1	52
12	34	3	36	-	38	-	39	3	41	1	43	2
11	30	1	31	3	33	1	34	3	36	1	38	1
10	26	1	27	2	28	2	29	3	31	2	33	-
9	22	1	23	1	24	2	25	-	27	-	28	1
8	18	1	19	1	20	1	21	2	22	3	23	2
7	14	2	15	2	15	2	17	-	18	-	19	-
6	11	2	11	3	12	3	13	1	14	-	14	3
5	9	-	9	1	9	3	10	-	10	1	11	-
4	6	1	6	3	7	-	7	1	7	2	8	-
3	3	3	4	-	4	2	4	3	4	3	5	-
2	1	3	1	3	2	-	2	1	2	2	2	3
1	-	3	-	3	-	3	1	-	1	-	1	-

The 130 Gallon Cask, whose Bung Diameter dips in Inches, viz.

[illegible]

The 135 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	37	36	35	34	33	32	31	30	29	28	27	26
37	135	-										
36	134	1	135	-								
35	133	-	134	1	135	-						
34	130	3	133	-	134	1	135	-				
33	128	1	130	3	133	-	134	-	135	-		
32	125	3	128	-	130	2	132	3	134	-	135	-
31	123	-	125	1	127	3	130	1	132	2	134	-
30	119	2	122	2	125	-	127	-	130	-	132	1
29	116	-	119	-	122	1	124	3	127	-	129	3
28	111	3	115	-	118	1	121	2	124	1	126	2
27	108	-	110	3	114	-	117	2	120	2	123	2
26	104	-	106	3	109	3	113	-	116	3	119	3
25	99	-	102	1	105	1	108	2	112	-	115	3
24	95	-	97	3	101	-	104	-	107	3	110	3
23	90	-	93	-	96	-	99	-	102	3	106	1
22	85	-	88	1	91	-	94	2	97	3	101	2
21	80	-	82	3	86	1	89	1	93	-	96	-
20	75	1	77	2	80	3	83	3	87	2	90	2
19	70	-	72	1	75	1	78	2	81	2	84	3
18	64	3	67	2	70	-	73	-	75	2	79	-
17	59	3	61	3	64	3	67	2	70	1	73	-
16	54	3	57	-	59	-	62	-	64	3	67	2
15	49	2	51	2	54	-	56	2	58	3	62	-
14	44	2	46	1	48	1	50	3	53	-	56	-
13	39	3	41	3	43	1	45	1	47	1	49	3
12	35	1	37	-	38	1	40	2	42	-	44	-
11	31	-	32	1	33	3	35	1	36	3	38	1
10	26	3	28	-	29	1	30	2	31	3	33	2
9	22	2	23	3	24	3	25	3	27	-	28	3
8	18	2	19	2	20	2	21	2	22	3	24	1
7	14	3	15	2	16	2	16	3	18	-	19	1
6	11	2	12	1	12	2	13	2	14	1	14	3
5	9	-	9	2	10	-	10	1	10	3	11	1
4	6	2	6	3	7	-	7	2	8	-	8	-
3	3	3	4	-	4	2	5	-	5	-	5	2
2	2	-	2	-	2	2	2	1	2	2	2	3
1	-	3	-	3	-	3	1	-	1	-	1	-

The 136 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	37	36	35	34	33	32	31	30	29	28	27	26
37	136 -											
36	135 1	136 -										
35	134 -	135 1	136 -									
34	131 3	134 -	135 1	136 -								
33	129 1	131 3	134 -	135 -	136 -							
32	126 3	129 -	131 2	133 3	135 -	136 -						
31	124 -	126 1	128 3	131 -	133 1	135 -	136 -					
30	120 2	123 2	125 3	128 -	131 -	133 -	135 -	136 -				
29	117 -	120 -	123 -	125 3	128 -	130 3	133 -	135 -	136 -			
28	112 3	116 -	119 -	122 2	125 -	127 2	130 1	133 -	135 -	136 -		
27	108 3	111 2	115 -	118 2	121 2	124 2	127 -	130 -	132 3	135 -	136 -	
26	104 3	107 2	110 2	114 -	117 3	120 3	124 1	126 3	129 3	132 2	135 -	136 -
25	100 -	103 -	106 -	109 1	112 3	116 3	120 -	123 2	126 2	129 2	132 2	135 -
24	95 3	98 2	101 3	104 3	108 1	111 2	115 1	119 -	122 3	126 1	129 1	132 -
23	90 3	93 3	96 3	100 -	103 2	107 -	110 3	114 -	118 1	122 1	125 2	128 3
22	85 3	89 -	91 3	95 2	98 2	102 1	106 -	109 1	113 -	117 2	121 2	126 1
21	80 3	83 2	87 -	90 -	93 2	96 3	100 3	104 1	108 -	111 3	116 1	120 1
20	75 3	78 -	81 2	84 2	88 -	91 1	95 1	98 2	102 1	106 3	110 2	114 3
19	70 2	73 -	76 -	79 -	82 -	85 2	89 -	92 3	96 2	100 2	104 2	109 -
18	65 -	68 -	70 3	73 2	76 -	79 3	83 1	86 3	90 2	94 3	98 3	103 1
17	60 1	62 1	65 1	68 -	70 3	73 2	76 3	80 1	84 1	88 -	92 1	96 2
16	55 1	57 1	59 2	62 2	65 1	68 -	70 3	74 -	77 2	81 2	85 2	89 3
15	49 3	52 -	54 2	57 -	59 -	62 2	65 1	68 -	71 -	74 2	78 1	82 2
14	44 3	46 3	48 3	51 -	53 2	56 1	59 -	61 3	65 -	68 -	71 2	75 -
13	40 1	42 -	43 2	45 2	47 3	50 -	52 2	55 2	58 2	61 2	64 2	68 -
12	35 2	37 1	38 2	40 3	42 2	44 1	46 3	48 3	51 2	54 2	57 3	61 -
11	31 1	32 2	34 -	35 2	37 -	38 2	40 3	42 3	45 -	47 3	50 1	53 2
10	27 -	28 -	29 2	30 2	32 -	33 3	35 1	37 -	39 1	41 1	43 2	46 1
9	22 3	24 -	24 3	26 -	27 1	29 -	30 -	31 2	33 1	35 1	37 1	39 2
8	18 3	19 2	20 3	21 2	23 -	24 2	25 -	26 2	28 -	29 1	31 -	32 3
7	15 -	15 2	16 2	16 3	18 -	19 1	20 1	21 2	22 3	24 -	25 1	27 -
6	11 3	12 1	12 2	13 2	14 1	15 -	16 -	16 2	17 2	18 2	19 3	21 1
5	9 -	9 2	10 -	10 1	11 -	11 1	11 3	12 1	13 -	13 3	14 2	15 3
4	6 2	6 3	7 -	7 2	8 -	8 -	8 2	9 -	9 2	9 3	10 1	10 3
3	4 -	4 -	4 2	4 3	5 -	5 2	5 2	5 3	6 1	6 2	6 3	7 -
2	2 -	2 -	2 -	2 1	2 2	2 3	2 3	2 3	3 -	3 1	3 2	3 3
1	- 3	- 3	- 3	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -

The 137 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	37	36	35	34	33	32	31	30	29	28	27	26
37	137 -											
36	136 1	137 -										
35	135 -	136 1	137 -									
34	132 3	135 -	136 1	137 -								
33	130 -	132 3	135 -	136 -	137 -							
32	127 3	130 -	132 2	134 3	136 -	137 -						
31	124 3	127 -	129 3	132 -	134 1	136 -	137 -					
30	121 1	124 2	126 3	129 -	132 -	134 -	136 -	137 -				
29	117 3	120 3	124 -	126 2	129 -	131 3	134 -	136 -	137 -			
28	113 2	116 3	120 -	123 1	126 -	128 2	131 1	134 -	136 -	137 -		
27	109 2	112 2	115 3	119 -	122 2	125 2	128 -	131 -	133 3	136 -	137 -	
26	105 2	108 1	111 2	114 3	118 2	121 2	125 -	127 2	130 3	133 2	136 -	137 -
25	100 2	103 3	107 -	110 -	113 2	117 2	120 3	124 1	127 2	130 2	133 2	136 -
24	96 1	99 1	102 3	105 2	109 -	112 2	116 -	120 -	123 3	127 -	130 1	133 1
23	91 1	94 2	97 2	100 2	104 -	107 3	111 2	114 3	119 -	123 1	126 2	129 3
22	86 2	89 2	93 -	96 -	99 1	103 -	106 3	110 1	114 -	118 2	122 1	126 2
21	81 1	84 -	87 2	90 2	94 -	97 2	101 2	105 -	108 3	112 2	117 -	121 3
20	76 1	78 3	82 -	85 -	88 2	92 -	96 -	99 -	103 -	107 2	111 1	115 2
19	71 -	73 2	76 2	79 2	82 3	86 1	89 3	93 2	97 1	101 1	105 1	109 -
18	65 2	68 2	71 1	74 -	76 2	80 1	83 3	87 1	91 1	95 2	99 1	103 2
17	60 2	62 3	65 3	68 2	71 1	74 1	77 2	81 -	85 -	88 3	93 -	97 -
16	55 3	57 3	59 -	63 -	65 3	68 2	71 1	74 2	78 -	82 1	86 1	90 2
15	50 -	52 1	55 -	57 2	59 2	62 3	65 3	68 2	71 2	75 1	78 3	83 -
14	45 -	47 -	49 -	51 2	53 3	56 3	59 1	62 -	65 2	68 2	72 -	75 1
13	40 2	42 1	43 3	46 -	48 -	50 2	53 -	55 3	59 -	61 3	65 -	68 2
12	35 3	37 2	38 3	41 -	42 3	44 2	47 -	49 1	51 3	54 3	58 -	61 1
11	31 2	32 3	34 1	35 3	37 2	38 3	41 -	43 -	45 1	48 -	50 3	53 2
10	27 1	28 1	29 2	30 3	32 -	34 -	35 2	37 1	39 2	41 2	44 -	46 2
9	23 -	24 -	25 -	26 1	27 1	29 1	30 1	31 3	33 2	35 2	37 3	39 2
8	18 3	19 3	20 3	21 3	23 1	24 2	25 1	26 2	28 -	29 2	31 1	33 -
7	15 -	15 3	16 3	17 -	18 1	19 2	20 2	21 3	23 -	24 1	25 2	26 3
6	11 3	12 1	12 3	13 2	14 1	15 -	16 -	16 2	17 2	18 2	20 -	21 2
5	9 -	9 3	10 -	10 1	11 -	11 1	12 -	12 1	13 1	13 3	14 2	15 -
4	6 2	6 3	7 1	7 2	8 -	8 1	8 2	9 -	9 2	9 3	10 1	10 2
3	4 -	4 -	4 2	4 3	5 -	5 1	5 2	5 3	6 1	6 2	6 3	7 1
2	2 -	2 -	2 -	2 1	2 1	2 3	2 3	2 3	3 -	3 1	3 2	3 3
1	- 3	- 3	- 3	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -

The 138 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	38	37	36	35	34	33	32	31	30	29	28	27
38	138 -											
37	137 1	138 -										
36	136 -	137 1	138 -									
35	133 3	136 -	137 1	138 -								
34	131 1	133 3	135 3	137 -	138 -							
33	128 3	131 -	133 3	135 3	137 -	138 -						
32	126 1	128 3	131 -	133 2	135 2	137 -	138 -					
31	123 -	125 3	128 -	130 2	133 -	135 1	137 -	138 -				
30	119 -	122 1	125 1	127 3	130 -	133 -	135 1	137 -	138 -			
29	115 -	118 2	121 2	124 3	127 2	130 -	132 2	135 -	137 -	138 -		
28	111 -	114 1	117 2	121 -	124 1	127 -	129 1	132 1	135 -	137 -	138 -	
27	107 -	110 1	113 1	116 2	120 -	123 1	126 1	129 -	132 -	134 2	137 -	138 -
26	103 -	106 1	109 -	112 1	115 2	119 1	122 1	126 -	128 2	131 3	134 2	137 -
25	98 2	101 1	104 2	107 3	110 3	114 2	118 2	121 3	125 1	128 2	131 2	134 1
24	94 -	97 -	100 -	103 1	106 1	110 -	113 1	117 -	120 3	124 3	128 -	131 1
23	88 3	92 -	95 1	98 1	101 2	104 3	108 2	112 1	115 3	120 -	124 -	127 3
22	84 -	87 -	90 1	93 2	96 3	100 -	103 3	107 2	111 -	114 3	119 1	123 1
21	78 3	82 -	84 3	88 -	91 1	94 3	98 1	102 1	105 3	109 2	113 1	118 -
20	73 3	77 -	79 1	82 3	85 3	89 1	92 2	96 3	99 3	103 3	108 1	112 -
19	69 -	71 2	74 -	77 -	80 -	83 2	86 3	90 2	94 -	98 -	102 -	106 1
18	63 2	66 -	69 -	71 3	74 2	77 1	81 -	84 1	88 -	92 -	96 1	100 1
17	58 2	61 -	63 -	66 1	69 -	71 3	74 3	78 -	81 2	85 2	89 2	93 1
16	53 2	56 -	58 1	60 2	63 2	66 1	69 -	71 3	75 -	78 2	82 3	86 2
15	48 1	50 2	52 3	55 1	58 -	60 -	63 1	66 1	69 -	72 -	75 3	79 1
14	43 3	45 2	47 1	49 2	51 3	54 -	57 -	59 3	62 2	66 -	69 -	72 1
13	39 2	40 3	42 2	44 1	46 1	48 1	50 3	53 2	56 1	59 2	62 1	65 2
12	34 3	36 -	37 3	39 -	41 1	43 -	44 3	47 1	49 2	52 1	55 1	58 1
11	30 2	31 3	33 -	34 2	36 -	37 2	39 -	41 1	43 2	45 2	48 1	51 -
10	26 1	27 1	28 2	29 3	31 -	32 1	34 1	35 3	37 2	39 3	41 3	44 -
9	22 1	23 -	24 1	25 1	26 2	27 2	29 2	30 2	32 -	33 3	35 3	37 3
8	18 -	19 -	20 -	21 -	22 -	23 2	24 3	25 2	26 3	28 1	29 3	31 2
7	14 2	15 1	15 3	16 3	17 -	18 2	19 2	20 2	21 3	23 1	24 2	25 3
6	11 2	11 3	12 2	12 3	13 3	14 2	15 -	16 -	16 3	17 3	18 3	20 -
5	8 3	9 1	9 3	10 -	10 2	11 -	11 1	12 -	12 2	13 1	14 -	14 3
4	6 1	6 2	7 -	7 1	7 2	8 -	8 1	8 2	9 -	9 2	10 -	10 1
3	3 3	4 -	4 1	4 2	4 3	5 -	5 1	5 3	5 3	6 1	6 2	6 3
2	2 -	2 -	2 -	2 1	2 1	2 2	2 3	2 3	3 -	3 1	3 2	3 3
1	1 3	1 3	1 3	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -

The 139 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	38	37	36	35	34	33	32	31	30	29	28	27
38	139 -											
37	138 1	139 -										
36	137 -	138 1	139 -									
35	135 -	137 -	138 1	139 -								
34	132 1	134 3	136 3	138 -	139 -							
33	129 2	132 -	134 2	136 3	138 -	139 -						
32	127 -	129 3	132 -	134 2	136 2	138 -	139 -					
31	123 3	126 3	129 -	131 2	134 -	136 -	138 -	139 -				
30	120 -	123 1	126 1	128 2	131 -	134 -	136 -	138 -	139 -			
29	116 -	119 1	122 1	125 3	128 2	130 3	133 2	136 -	138 -	139 -		
28	112 -	115 -	118 1	121 3	125 -	127 3	130 1	133 1	135 3	138 -	139 -	
27	108 -	111 -	114 -	117 1	121 -	124 1	127 1	129 3	133 -	135 2	138 -	139 -
26	103 3	107 -	109 3	113 -	116 2	120 1	123 1	126 3	129 2	132 2	135 2	138 -
25	99 1	102 -	105 -	108 2	111 2	115 -	119 1	122 2	126 1	129 1	132 2	135 1
24	94 2	97 3	100 3	104 -	107 -	111 -	114 -	117 3	121 3	125 2	129 -	132 -
23	89 1	92 3	96 -	99 -	102 -	105 2	109 1	113 1	116 2	120 3	125 -	138 2
22	84 3	87 2	91 -	94 -	97 1	101 -	104 2	108 1	111 3	115 2	120 1	124 1
21	79 1	82 2	85 1	88 2	92 -	95 1	98 3	103 -	106 2	110 1	114 -	118 2
20	74 -	77 2	79 3	83 1	86 1	90 -	93 1	97 1	100 2	104 2	109 -	112 3
19	69 2	72 -	74 2	77 2	80 3	84 -	87 2	91 -	94 3	98 2	102 3	107 -
18	64 -	66 2	69 2	72 1	75 -	77 3	81 2	85 -	88 2	92 2	96 3	101 -
17	59 -	61 2	63 2	66 3	69 2	72 1	75 1	78 2	82 1	86 1	90 1	94 1
16	53 3	56 2	58 2	61 -	64 -	66 3	69 2	72 1	75 2	79 1	83 1	87 1
15	48 3	50 3	53 -	55 2	58 1	60 2	63 3	66 3	69 2	72 2	76 1	80 -
14	44 -	45 3	47 2	49 3	52 1	54 2	57 2	60 1	63 -	66 2	69 2	72 3
13	39 3	41 -	42 3	44 2	46 2	48 3	51 1	53 3	56 2	59 3	62 3	66 -
12	35 -	36 1	38 -	39 2	41 2	43 1	45 1	47 2	50 -	52 3	55 3	58 3
11	30 2	32 -	33 -	34 3	36 2	37 3	39 2	41 3	43 3	46 -	48 2	51 2
10	26 2	27 2	28 3	30 -	31 1	32 2	34 2	36 -	38 -	40 -	42 1	44 2
9	22 2	23 1	24 2	25 2	26 3	27 3	29 2	30 3	32 1	34 -	36 -	38 1
8	18 1	19 -	20 -	21 1	22 -	23 2	25 -	25 2	27 -	28 2	30 -	31 3
7	14 3	15 1	16 -	17 -	17 1	18 2	19 3	20 3	22 -	23 1	24 2	26 -
6	11 2	12 -	12 2	13 -	13 3	14 2	15 1	16 1	16 3	17 3	18 3	20 1
5	9 -	9 1	10 -	10 1	10 2	11 1	11 2	12 -	12 2	13 1	14 -	14 3
4	6 1	6 2	7 -	7 1	7 2	8 1	8 1	8 3	9 -	9 2	10 -	10 2
3	3 3	4 -	4 1	4 2	4 3	5 -	5 1	5 3	6 -	6 1	6 2	6 3
2	2 -	2 -	2 1	2 1	2 2	2 3	2 3	2 3	3 -	3 1	3 2	3 3
1	- 3	- 3	- 3	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -

The 140 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	38	37	36	35	34	33	32	31	30	29	28	27
38	140 -											
37	139 1	140 -										
36	138 -	139 1	140 -									
35	136 -	138 -	139 1	140 -								
34	133 1	135 2	137 3	139 -	140 -							
33	130 2	133 -	135 2	137 3	139 -	140 -						
32	128 -	130 2	133 -	135 2	137 2	139 -	140 -					
31	124 3	127 2	130 -	132 2	135 -	137 1	139 -	140 -				
30	121 -	124 -	127 -	129 2	132 -	135 -	137 -	139 -	140 -			
29	116 2	120 1	123 1	126 3	129 1	131 3	134 2	137 -	139 -	140 -		
28	112 3	116 -	119 1	122 3	126 -	128 3	131 1	134 1	136 3	139 -	140 -	
27	108 3	111 3	115 -	118 1	122 -	125 1	128 1	130 3	134 -	136 2	139 -	140 -
26	104 2	107 3	110 2	114 -	117 1	121 1	124 1	127 3	130 2	133 2	136 2	139 -
25	100 -	102 3	106 -	109 1	112 1	116 -	120 1	123 2	127 1	130 1	133 1	136 1
24	95 1	98 1	101 1	104 3	108 -	111 3	114 3	118 2	122 2	126 2	130 -	133 -
23	90 -	93 1	96 2	99 3	102 2	106 1	110 1	114 -	117 1	121 3	126 -	129 2
22	85 2	88 1	91 2	94 3	98 -	101 3	105 1	109 -	112 2	116 1	121 -	125 -
21	80 -	83 -	86 -	89 1	92 2	96 -	99 2	103 3	107 1	111 -	115 -	119 2
20	74 3	78 -	80 2	84 -	86 3	90 3	94 -	98 -	101 1	105 1	109 3	114 -
19	70 -	72 2	75 -	78 -	81 1	84 3	88 -	91 3	95 2	99 1	103 2	107 3
18	64 2	67 -	70 -	72 3	75 2	78 2	82 -	85 2	89 1	93 1	97 2	101 3
17	59 2	62 -	64 -	67 1	70 -	73 -	75 3	79 1	82 3	86 3	90 3	94 3
16	54 1	57 -	59 -	61 2	64 2	67 -	70 -	73 -	76 -	79 3	83 3	87 3
15	49 -	51 1	53 2	56 -	58 3	61 -	64 -	67 -	70 -	73 -	76 3	80 3
14	44 2	46 -	48 -	50 1	52 2	54 3	58 -	60 2	63 1	66 3	70 -	73 1
13	40 -	41 2	43 1	44 3	47 -	49 -	51 2	54 1	57 -	60 -	63 1	66 1
12	35 1	36 3	38 1	39 3	42 -	43 2	45 2	48 -	50 1	53 1	56 1	59 1
11	30 3	32 1	33 1	35 -	36 2	38 -	39 3	42 -	44 -	46 1	49 -	51 3
10	26 2	27 3	29 -	30 1	31 2	32 3	34 3	36 1	38 1	40 1	42 2	44 3
9	22 2	23 2	24 2	25 2	27 -	28 -	29 3	31 -	32 2	34 1	36 1	38 1
8	18 1	19 1	20 -	21 1	22 1	23 3	25 1	25 3	27 1	28 3	30 1	32 -
7	14 3	15 1	16 -	17 -	17 1	18 2	19 3	21 -	22 -	23 2	24 2	26 -
6	11 2	12 -	12 2	13 -	14 -	14 3	15 1	16 1	17 -	18 -	19 -	20 1
5	9 -	9 1	10 -	10 1	10 2	11 1	11 2	12 -	12 2	13 2	14 -	14 3
4	6 2	6 2	7 -	7 1	7 3	8 1	8 2	8 3	9 1	9 3	10 -	10 2
3	3 3	4 -	4 1	4 2	4 3	5 -	5 1	5 3	6 -	6 2	6 2	6 3
2	2 -	2 -	2 1	2 2	2 2	2 3	2 3	2 3	3 -	3 1	3 2	3 3
1	- 3	- 3	- 3	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -

The 141 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	39	38	37	36	35	34	33	32	31	30	29	28
39	141 -											
38	140 1	141 -										
37	139 -	140 1	141 -									
36	137 -	139 -	140 1	141 -								
35	134 3	137 -	139 -	140 -	141 -							
34	132 1	134 -	130 2	138 3	140 -	141 -						
33	129 2	131 2	134 -	136 2	138 2	140 -	141 -					
32	126 1	129 -	131 2	134 -	136 2	138 3	140 -	141 -				
31	122 3	125 3	128 2	130 3	133 2	136 -	138 -	140 -	141 -			
30	118 2	121 3	125 -	128 -	130 2	133 -	135 3	138 -	140 -	141 -		
29	114 2	117 1	121 1	124 1	127 3	130 1	132 3	135 2	138 -	140 -	141 -	
28	110 3	113 2	116 3	120 1	123 2	127 -	129 3	132 -	135 1	137 3	140 -	141 -
27	106 2	109 2	112 3	115 3	119 1	122 3	126 -	129 1	131 3	134 3	137 2	140 -
26	102 -	105 1	108 2	111 1	114 3	118 -	122 -	125 -	128 3	131 1	134 2	137 2
25	97 2	100 3	103 2	106 3	110 1	113 1	116 3	121 -	124 1	128 -	131 1	134 1
24	92 2	96 -	99 1	102 1	105 2	108 3	112 3	115 2	119 1	123 2	127 2	130 3
23	87 2	90 3	94 -	97 1	100 1	103 1	107 -	111 -	114 3	118 1	122 2	126 3
22	82 3	86 -	89 -	92 1	95 1	98 3	102 1	106 -	109 2	113 1	117 1	122 -
21	77 2	80 2	83 3	86 2	90 -	93 1	96 3	100 1	104 2	108 -	111 3	115 3
20	72 3	75 1	78 2	81 -	84 2	87 1	91 1	94 3	98 3	102 -	106 -	110 2
19	67 3	70 2	73 -	75 2	78 3	82 -	85 1	88 2	92 2	96 -	100 -	104 1
18	63 -	65 -	67 2	70 2	73 1	76 -	79 -	82 2	86 1	89 3	94 -	98 1
17	57 3	60 -	62 2	64 2	67 2	70 2	73 2	76 1	79 3	83 1	87 1	91 2
16	52 2	54 3	57 1	59 1	61 3	65 -	67 2	70 2	73 2	76 2	80 1	84 1
15	47 2	49 2	51 2	54 -	56 2	59 -	61 1	64 2	67 2	70 2	73 2	77 1
14	43 -	44 3	46 2	48 1	50 2	52 3	55 1	58 2	61 -	64 -	67 2	70 2
13	38 2	40 1	41 2	43 2	45 1	47 1	49 2	52 -	54 2	57 2	60 2	63 3
12	34 -	35 2	37 -	38 2	40 -	42 -	43 3	45 3	48 1	50 3	53 3	56 2
11	29 3	31 -	32 2	33 2	35 1	36 3	38 1	40 -	42 1	44 2	46 2	49 1
10	26 -	26 3	27 3	29 1	30 2	31 3	33 -	35 -	36 2	38 2	40 2	42 3
9	21 3	22 3	23 3	24 3	25 3	27 -	28 1	30 -	31 1	32 3	34 2	36 2
8	17 3	18 2	19 2	20 1	21 2	22 2	24 -	25 2	26 -	27 2	29 -	30 2
7	14 1	15 -	15 2	16 -	17 -	17 2	18 3	20 -	21 1	22 1	23 2	24 3
6	11 1	11 3	12 -	12 3	13 -	14 -	14 3	15 2	16 2	17 1	18 1	19 -
5	8 3	9 -	9 2	10 -	10 1	10 3	11 1	11 2	12 1	12 3	13 2	14 -
4	6 1	6 2	6 3	7 -	7 2	7 3	8 1	8 2	8 3	9 1	9 3	10 1
3	3 3	3 3	4 -	4 1	4 2	4 3	5 1	5 1	5 3	6 -	6 2	6 2
2	2 -	2 -	2 1	2 1	2 2	2 2	2 3	2 3	2 3	3 -	3 1	3 1
1	- 3	- 3	- 3	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -

The 142 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	39	38	37	36	35	34	33	32	31	30	29	28
39	142 -											
38	141 1	142 -										
37	139 3	141 1	142 -									
36	137 3	139 3	141 1	142 -								
35	135 2	138 -	139 3	141 -	142 -							
34	133 -	135 -	137 2	139 2	141 -	142 -						
33	130 2	132 2	135 -	137 2	139 2	141 -	142 -					
32	127 -	130 -	132 2	135 -	137 2	139 1	141 -	142 -				
31	123 2	126 2	129 2	131 3	134 2	137 -	139 -	141 -	142 -			
30	119 1	122 3	126 -	129 -	131 2	134 -	136 3	139 -	141 -	142 -		
29	115 1	118 -	122 -	125 -	128 2	131 -	133 3	136 2	138 3	141 -	142 -	
28	111 2	114 2	117 3	121 1	124 2	128 -	130 3	133 -	136 1	138 3	141 -	142 -
27	107 -	110 1	113 3	116 3	120 -	123 3	127 -	130 -	132 3	135 3	138 2	141 -
26	102 3	106 -	109 1	112 -	115 2	119 -	123 -	126 -	129 3	132 1	135 2	138 2
25	98 -	101 2	104 1	107 2	111 -	114 -	117 3	122 -	125 1	129 -	132 1	135 1
24	93 1	96 2	100 -	103 -	106 1	109 2	113 2	116 1	120 1	124 2	128 1	131 3
23	88 1	91 1	94 3	98 -	101 1	104 1	108 -	111 3	115 2	119 -	123 2	127 3
22	83 1	86 3	89 3	93 -	96 -	99 2	103 -	106 3	110 1	114 -	118 -	122 3
21	78 -	81 1	84 1	87 1	90 2	94 -	97 2	101 -	105 1	108 3	112 2	116 2
20	73 -	76 -	79 -	81 3	85 -	88 -	92 -	95 2	99 1	102 3	106 3	111 1
19	68 -	71 -	73 2	76 1	79 1	82 2	86 -	89 1	93 -	96 3	100 3	105 -
18	63 1	65 1	68 -	71 -	74 -	76 3	79 2	83 -	86 3	90 2	94 2	99 -
17	58 1	60 1	63 -	65 -	68 -	71 -	74 -	76 3	80 1	83 3	88 -	92 -
16	52 3	55 -	57 2	59 3	62 1	65 1	68 -	71 -	74 -	77 -	81 -	85 -
15	47 3	49 3	52 -	54 1	57 -	59 2	62 -	65 -	68 -	71 -	74 1	77 3
14	43 1	45 -	46 3	48 3	51 -	53 1	55 3	59 -	61 2	64 2	67 3	71 -
13	38 3	40 2	42 -	43 3	45 2	47 3	49 3	52 1	55 -	58 -	61 -	64 1
12	34 1	35 3	37 1	38 3	40 1	42 1	44 1	46 -	48 2	51 -	54 -	57 -
11	30 -	31 1	32 3	33 3	35 2	37 1	38 2	40 1	42 3	44 3	46 3	49 3
10	26 -	27 -	28 -	29 1	30 2	32 -	33 1	35 1	36 3	38 3	40 3	43 -
9	22 -	23 -	23 3	25 -	26 -	27 1	28 2	30 1	31 2	33 -	34 3	36 3
8	17 3	18 2	19 2	20 2	21 2	22 2	24 -	25 3	26 1	27 3	29 1	30 3
7	14 2	15 -	15 2	16 1	17 1	17 2	19 -	20 -	21 1	22 2	23 3	25 -
6	11 2	11 3	12 -	13 -	13 1	14 -	14 3	15 2	16 2	17 1	18 1	19 1
5	8 3	9 -	9 2	10 -	10 1	10 3	11 1	11 3	12 1	12 3	13 2	14 1
4	6 1	6 2	6 3	7 -	7 2	7 3	8 1	8 3	8 3	9 2	9 3	10 1
3	3 3	4 -	4 -	4 1	4 2	4 3	5 1	5 1	5 3	6 -	6 2	6 3
2	2 -	2 -	2 -	2 1	2 1	2 2	2 3	2 3	3 -	3 -	3 2	3 3
1	- 3	- 3	- 3	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -

The 143 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	39	38	37	36	35	34	33	32	31	30	29	28
39	143	-										
38	142	1	143	-								
37	140	3	142	1	143	-						
36	138	3	140	3	142	1	143	-				
35	136	2	139	-	140	3	142	-	143	-		
34	134	-	136	-	138	2	140	3	142	-	143	-
33	131	2	133	1	136	-	138	2	140	2	142	-
32	128	-	131	-	133	2	135	3	138	1	140	2
31	124	2	127	2	130	2	132	3	135	2	137	3
30	120	1	123	3	126	3	129	3	132	1	134	3
29	116	-	119	-	123	-	126	-	129	2	132	-
28	112	1	115	1	118	2	122	-	125	2	129	-
27	107	3	111	-	114	2	117	2	121	-	124	3
26	103	2	107	-	110	-	113	-	116	1	119	3
25	98	3	102	1	104	3	108	1	111	3	115	-
24	93	3	97	1	100	3	103	2	107	-	110	1
23	88	3	92	-	95	1	98	3	102	-	105	1
22	84	-	87	1	90	1	93	2	96	2	100	-
21	78	2	81	3	85	-	88	-	91	1	94	3
20	73	3	76	1	79	2	82	1	85	2	88	2
19	68	2	71	2	74	-	76	3	80	-	83	-
18	63	3	66	-	68	2	71	2	74	2	77	1
17	58	2	60	3	63	2	65	2	68	2	71	2
16	53	-	55	2	58	-	60	1	62	3	65	3
15	48	1	50	-	52	1	54	3	57	1	60	-
14	43	2	45	2	47	-	49	-	51	1	53	3
13	39	-	40	3	42	1	44	-	46	-	48	-
12	34	2	36	-	37	2	39	-	40	2	42	3
11	30	1	31	2	33	-	34	-	35	3	37	2
10	26	1	27	-	28	1	29	2	31	-	32	1
9	22	-	23	-	24	-	25	-	26	1	27	2
8	18	-	18	3	19	3	20	2	21	3	22	3
7	14	2	15	-	15	3	16	2	17	1	17	3
6	11	2	12	-	12	1	13	-	13	1	14	-
5	8	3	9	-	9	2	10	1	10	2	11	-
4	6	1	6	2	6	3	7	-	7	2	7	3
3	3	3	4	-	4	-	4	1	4	2	5	-
2	2	-	2	-	2	-	2	1	2	1	2	2
1	-	3	-	3	-	3	-	1	-	1	-	1

The 146 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	40	39	38	37	36	35	34	33	32	31	30	29
40	146 -											
39	145 1	146 -										
38	144 -	145 1	146 -									
37	142 -	143 3	145 1	146 -								
36	140 -	141 3	143 3	145 -	146 -							
35	137 -	139 2	141 3	243 2	145 -	146 -						
34	134 2	137 -	139 -	141 2	143 2	145 -	146 -					
33	131 2	134 -	136 1	138 3	141 2	143 1	145 -	146 -				
32	128 -	130 3	134 -	136 1	138 2	141 1	143 -	145 -	146 -			
31	124 -	127 1	130 -	133 1	135 2	138 1	140 3	143 -	145 -	146 -		
30	119 3	123 -	126 1	129 1	132 3	135 1	137 3	140 3	143 -	145 -	146 -	
29	115 3	118 2	121 1	125 3	128 2	132 1	135 -	137 2	140 1	142 3	145 -	146 -
28	111 2	114 2	118 -	121 -	124 3	128 -	131 2	134 2	136 3	140 -	142 2	145 -
27	106 3	110 -	113 2	117 -	120 -	123 3	127 -	130 2	133 3	136 2	139 2	142 1
26	102 2	105 3	109 1	112 2	115 2	118 3	122 2	126 2	129 2	133 2	136 -	139 1
25	98 -	100 3	104 1	107 -	110 2	114 1	117 2	121 -	125 1	129 -	132 2	135 3
24	92 3	95 3	99 1	102 2	105 3	109 1	112 3	116 2	119 2	123 2	128 -	132 -
23	87 2	91 -	94 -	97 1	100 3	104 -	107 1	111 -	114 3	118 3	122 1	127 -
22	82 2	85 3	89 -	92 1	95 2	98 3	102 2	105 3	109 3	113 2	117 -	121 1
21	77 2	80 1	83 2	86 3	89 3	93 1	96 2	100 -	103 3	108 1	111 3	115 3
20	73 -	75 1	78 -	81 1	84 -	87 2	90 2	94 3	98 -	102 1	105 3	109 3
19	67 3	70 -	73 -	75 2	78 2	81 2	85 -	88 1	91 3	95 3	99 1	103 2
18	62 3	65 -	67 1	70 -	73 -	76 -	79 -	82 -	85 2	89 1	93 -	97 1
17	57 2	59 3	62 -	64 3	67 -	70 -	73 -	76 -	79 -	82 2	86 1	90 2
16	52 2	54 1	56 2	59 1	61 2	64 -	67 -	70 -	73 -	76 -	79 1	83 1
15	47 2	49 -	51 1	53 1	55 3	58 2	61 -	63 2	67 -	70 -	73 -	76 1
14	42 3	44 2	46 1	48 -	50 -	52 1	54 3	57 1	60 2	63 1	66 2	69 3
13	38 1	39 3	41 2	43 -	45 -	46 3	49 -	51 1	53 3	56 2	59 2	62 3
12	34 -	35 1	36 3	38 1	40 -	41 2	43 2	45 3	47 2	50 -	52 2	55 2
11	29 3	30 3	32 1	33 2	34 3	36 2	38 -	40 -	41 1	43 3	46 1	48 1
10	25 3	26 3	27 3	29 -	30 -	31 2	32 3	34 2	36 1	37 3	39 3	42 -
9	21 2	22 2	23 2	24 2	25 2	26 3	28 -	29 1	31 1	32 2	34 -	35 3
8	17 2	18 1	19 -	20 -	21 -	22 1	23 1	24 3	26 2	27 -	28 3	30 -
7	14 1	14 3	15 1	16 -	17 -	17 3	18 -	19 2	20 3	22 -	23 1	24 2
6	11 2	11 2	12 -	12 2	13 -	13 2	14 2	15 1	16 -	17 -	17 3	18 3
5	8 3	9 -	9 2	9 3	10 1	10 2	11 -	11 2	12 -	12 2	13 1	14 -
4	6 -	6 2	6 3	7 -	7 1	7 2	8 -	8 2	8 3	9 -	9 2	10 -
3	3 2	3 3	4 -	4 1	4 2	4 3	5 -	5 1	5 2	5 3	6 1	6 2
2	2 -	2 -	2 1	2 1	2 2	2 2	2 3	2 3	3 -	3 1	3 2	3 3
1	- 3	- 3	- 3	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -

The 147 Gallon Cask, whose Bung Diameter dips in Inches, viz:

	40	39	38	37	36	35	34	33	32	31	30	29
40	147	-										
39	146	1	147	-								
38	145	-	146	1	147	-						
37	143	-	144	3	146	1	147	-				
36	141	-	142	3	144	3	146	-	147	-		
35	138	-	140	2	142	3	144	3	146	-	147	-
34	135	1	137	3	140	-	142	2	144	2	146	-
33	132	2	135	-	137	1	139	3	142	2	144	2
32	129	-	131	2	134	3	137	1	139	2	142	1
31	125	-	128	-	131	-	134	-	136	1	139	1
30	120	2	123	3	127	-	130	2	133	2	136	1
29	116	2	119	1	122	1	126	2	129	2	133	1
28	112	-	115	1	118	2	122	-	125	2	129	-
27	107	2	111	-	114	-	117	3	120	3	124	1
26	103	1	106	1	110	-	113	1	116	1	119	2
25	98	2	101	2	105	-	107	3	111	1	115	-
24	93	1	96	2	100	-	103	1	106	2	110	-
23	88	-	91	2	94	2	98	-	101	2	104	2
22	83	-	86	1	89	2	93	-	96	-	99	1
21	78	-	81	-	84	-	87	1	90	1	94	-
20	73	2	75	3	78	2	82	-	84	3	88	-
19	68	-	70	2	73	2	76	-	79	-	82	-
18	63	1	65	2	67	3	70	2	73	2	76	2
17	58	-	60	1	62	2	65	-	67	1	70	2
16	53	-	54	2	57	-	59	2	62	-	64	2
15	47	3	49	2	51	2	53	3	56	1	59	-
14	43	1	44	3	46	3	48	1	50	1	52	-
13	38	2	40	1	41	3	43	2	45	1	47	1
12	34	-	35	2	37	-	38	2	40	1	41	3
11	30	-	31	-	32	2	33	3	35	-	36	3
10	26	-	27	-	27	3	29	-	30	1	31	3
9	21	2	22	3	23	3	24	3	25	3	27	-
8	17	3	18	2	19	1	20	1	21	-	22	1
7	14	1	15	-	15	2	16	1	17	1	18	-
6	11	2	11	3	12	1	13	2	13	2	14	2
5	8	3	9	-	9	2	9	3	10	2	10	2
4	6	-	6	2	6	3	7	-	7	1	7	3
3	3	3	3	3	4	-	4	1	4	2	4	3
2	2	-	2	-	2	1	2	1	2	2	2	2
1	-	3	-	3	-	3	1	-	1	-	1	-

The 149 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	41	40	39	38	37	36	35	34	33	32	31	30
41	149	-										021
40	148	1	149	-								011
39	147	-	148	1	149	-						001
38	145	1	147	-	148	1	149	-				041
37	142	2	144	3	146	3	148	-	149	-		041
36	140	1	142	3	144	2	146	3	148	-	149	-
35	137	3	140	-	142	1	144	3	146	3	148	-
34	134	3	137	-	139	3	142	-	144	1	146	2
33	131	1	134	1	136	3	139	-	141	3	144	1
32	128	-	130	2	133	2	136	2	139	-	141	2
31	123	1	126	3	129	2	132	3	135	3	138	1
30	119	1	122	1	125	2	129	-	132	1	135	2
29	115	1	118	-	121	-	124	-	128	1	131	1
28	111	-	113	3	116	3	120	1	123	2	127	-
27	106	1	109	-	112	1	115	3	119	1	122	2
26	101	3	104	2	107	3	111	2	115	-	117	3
25	96	3	99	3	103	-	106	1	109	-	112	3
24	92	-	94	2	97	3	101	2	104	2	108	-
23	86	2	89	1	92	3	96	-	99	2	102	3
22	82	-	84	1	87	1	91	-	94	-	97	2
21	76	3	79	1	82	-	85	1	88	1	91	3
20	72	-	74	2	76	3	79	3	83	-	85	3
19	67	-	69	-	71	2	74	2	77	-	80	-
18	62	1	64	-	66	2	68	2	71	2	74	2
17	56	3	58	3	61	-	63	1	66	-	68	1
16	51	2	53	2	55	1	57	2	60	1	63	-
15	46	3	48	1	50	-	52	-	54	2	57	-
14	42	1	43	3	45	2	47	1	49	-	51	-
13	37	3	39	-	40	3	42	2	44	-	46	-
12	33	2	34	2	36	-	37	2	39	-	40	3
11	29	1	30	1	31	2	32	3	34	1	35	2
10	25	-	26	1	27	1	28	1	29	2	31	-
9	21	-	21	3	23	-	24	-	25	-	26	-
8	17	2	18	-	18	3	19	2	20	2	21	2
7	14	-	14	2	15	-	15	2	16	2	17	1
6	11	-	11	2	12	-	12	1	12	3	13	2
5	8	2	9	-	9	1	9	2	9	3	10	2
4	6	-	6	1	6	2	6	3	7	-	7	1
3	3	2	3	3	4	-	4	-	4	2	4	2
2	2	-	2	-	2	1	2	1	2	1	2	2
1	1	3	-	3	-	3	1	-	1	-	1	-

The 150 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	41	40	39	38	37	36	35	34	33	32	31	30
41	150	-										
40	149	1	150	-								
39	148	-	149	1	150	-						
38	146	1	148	-	149	1	150	-				
37	143	2	145	3	147	3	149	-	150	-		
36	141	1	143	3	145	2	147	3	149	-	150	-
35	138	2	141	-	143	1	145	2	147	3	149	-
34	135	3	138	-	140	2	143	-	145	1	147	2
33	132	-	135	-	137	3	140	-	142	2	145	1
32	129	-	131	2	134	2	137	2	140	-	142	1
31	124	-	127	2	130	2	133	3	136	3	139	1
30	120	-	123	-	126	1	129	3	133	-	136	1
29	116	-	118	3	122	-	125	-	129	-	132	1
28	111	3	114	2	117	2	121	-	124	2	128	-
27	107	-	109	3	113	-	116	2	120	-	123	1
26	102	2	105	1	108	1	112	1	115	3	118	2
25	97	2	100	2	103	3	107	-	110	-	113	2
24	92	3	95	1	98	2	102	-	105	1	108	3
23	87	-	90	-	93	2	96	2	100	-	103	2
22	82	2	84	3	88	-	91	2	94	3	98	1
21	77	1	79	3	82	2	86	-	89	-	92	1
20	72	2	75	-	77	1	80	1	83	2	86	1
19	67	2	69	2	72	-	75	-	77	2	80	2
18	62	2	64	2	66	3	69	-	72	-	75	-
17	57	-	59	-	61	2	63	3	66	2	68	3
16	51	3	54	-	55	2	58	-	61	-	63	1
15	47	-	48	2	50	2	52	2	55	-	57	2
14	42	2	44	-	45	3	47	2	49	2	51	1
13	38	-	39	1	41	-	42	3	44	1	46	1
12	33	3	34	3	36	1	37	3	39	1	41	-
11	29	2	30	2	31	3	33	-	34	2	35	3
10	25	1	26	2	27	2	28	2	29	3	31	1
9	21	-	22	-	23	-	24	1	25	1	26	1
8	17	2	18	-	18	3	19	3	20	2	21	2
7	14	-	14	2	15	-	15	3	16	2	17	1
6	11	1	11	3	12	-	12	2	13	-	13	2
5	8	2	9	-	9	1	9	2	10	-	10	2
4	6	-	6	1	6	2	6	3	7	1	7	2
3	3	2	3	3	4	-	4	-	4	1	4	3
2	2	-	2	-	2	-	2	1	2	1	2	1
1	-	3	-	3	-	3	1	-	1	-	1	-

The 152 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	42	41	40	39	38	37	36	35	34	33	32	31
42	152 -											
41	151 1	152 -										
40	150 -	151 1	152 -									
39	148 1	150 -	151 1	152 -								
38	146 -	148 1	150 -	151 -	152 -							
37	143 1	145 2	147 3	149 3	151 -	152 -						
36	141 -	143 1	145 3	147 2	149 3	151 -	152 -					
35	138 -	140 2	142 3	145 1	147 2	149 3	151 -	152 -				
34	134 3	137 1	140 -	142 2	144 3	147 1	149 2	151 -	152 -			
33	131 1	134 -	137 -	139 3	142 -	144 2	147 1	149 2	151 -	152 -		
32	126 3	130 2	133 1	136 1	139 1	142 -	144 1	147 1	149 1	151 -	152 -	
31	122 3	126 -	129 1	132 2	135 1	138 2	141 -	144 -	146 2	149 -	151 -	152 -
30	118 3	122 -	125 -	128 -	131 2	135 -	138 -	140 3	143 1	146 2	148 3	151 -
29	114 2	117 2	120 1	123 3	126 2	131 -	134 -	137 3	140 1	143 -	146 -	148 2
28	110 -	113 1	116 -	119 -	122 3	126 1	129 3	133 2	137 -	140 -	142 1	145 3
27	105 1	108 1	111 1	114 2	118 -	121 3	124 3	128 2	132 2	136 -	139 1	142 1
26	100 2	103 3	106 3	110 -	113 3	117 -	120 1	123 3	127 2	131 3	135 -	139 -
25	96 -	99 -	102 -	105 -	108 1	111 2	115 -	118 3	122 1	126 -	130 2	134 1
24	90 1	94 -	96 2	99 3	103 2	106 3	110 -	113 3	117 1	121 1	124 3	128 3
23	85 2	88 1	91 1	94 3	97 3	101 2	104 2	108 1	111 2	115 3	119 2	123 2
22	80 2	83 2	86 -	89 1	92 2	96 -	99 2	102 2	106 2	110 -	114 1	118 -
21	76 -	78 1	81 -	83 2	87 -	90 1	93 2	97 -	100 2	104 1	108 1	112 2
20	70 3	73 2	76 -	78 1	81 1	84 2	87 2	91 -	94 2	98 2	102 -	106 2
19	65 2	68 2	70 2	73 -	76 -	78 2	81 3	85 -	88 1	91 3	95 3	99 2
18	61 -	63 2	65 2	67 3	70 -	73 -	76 -	79 -	82 -	85 2	89 -	93 -
17	55 2	57 3	60 -	62 1	64 3	67 2	69 3	73 -	76 -	79 -	82 1	86 -
16	50 2	52 2	54 3	56 1	58 3	61 3	64 1	66 3	70 -	73 -	76 -	79 1
15	46 -	47 2	49 1	51 1	53 1	55 2	58 -	60 3	63 3	66 1	69 2	72 3
14	41 1	42 3	44 2	46 2	48 1	50 -	52 -	54 2	57 -	59 3	63 -	66 -
13	37 -	38 2	40 -	41 2	43 3	45 -	47 -	48 3	51 -	53 1	56 -	58 3
12	32 3	34 1	35 1	36 3	38 1	39 3	41 2	43 -	45 2	47 1	49 2	52 1
11	28 2	29 3	31 -	32 1	33 2	35 -	36 1	38 -	39 2	41 2	43 1	45 2
10	24 3	25 2	26 3	27 3	28 3	30 -	31 2	33 -	34 1	35 3	37 3	39 1
9	20 2	21 2	22 1	23 2	24 2	25 2	26 3	27 3	29 1	30 2	32 1	34 -
8	17 -	17 3	18 1	19 -	20 -	21 -	22 -	23 -	24 -	25 3	27 1	28 1
7	13 3	14 1	14 3	15 1	16 -	16 3	17 2	18 2	18 3	20 1	21 2	22 3
6	10 3	11 2	11 3	12 1	12 3	13 -	13 3	14 -	15 -	16 -	16 3	17 2
5	8 1	8 3	9 -	9 2	9 3	10 -	10 2	11 -	11 2	12 -	12 1	13 -
4	6 -	6 1	6 1	6 2	7 -	7 1	7 2	8 -	8 1	9 -	9 1	9 2
3	3 2	3 2	3 3	4 -	4 1	4 2	4 3	4 3	5 1	5 2	5 3	6 -
2	2 -	2 -	2 -	2 -	2 -	2 1	2 1	2 2	2 3	2 3	3 -	3 2
1	- 3	- 3	- 3	- 3	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -

The 153 Gallon Casks, whose Bung Diameter dips in Inches, viz.

	42	41	40	39	38	37	36	35	34	33	32	31
42	153	-										
41	152	1	153	-								
40	151	-	152	1	153	-						
39	149	1	151	-	152	1	153	-				
38	147	-	149	1	151	-	152	-	153	-		
37	144	1	146	1	148	3	150	3	152	-	153	-
36	142	-	144	1	146	2	148	2	150	3	152	-
35	139	-	141	2	143	3	146	1	148	2	150	2
34	135	2	138	1	141	-	143	2	145	3	148	1
33	132	-	135	-	138	-	140	2	143	-	145	2
32	127	2	131	2	134	1	137	-	140	1	142	3
31	123	3	127	-	131	-	133	1	136	-	139	2
30	119	2	123	-	125	3	129	-	132	1	135	3
29	115	1	118	1	121	1	124	2	127	2	131	2
28	110	3	114	-	116	3	119	3	123	2	127	-
27	106	-	109	-	112	-	115	1	118	3	122	2
26	101	1	104	2	107	1	110	3	114	2	117	3
25	96	2	99	2	102	2	106	-	109	-	112	-
24	91	-	97	3	97	1	100	2	104	-	107	2
23	86	-	89	-	92	-	95	2	98	2	102	-
22	81	-	84	-	86	2	90	-	93	1	96	2
21	76	2	78	3	81	2	84	-	87	2	91	-
20	71	1	74	-	76	2	78	3	81	3	85	1
19	66	-	69	-	71	-	73	2	76	2	79	-
18	61	1	63	3	65	3	68	1	70	2	73	2
17	55	3	58	-	60	1	62	2	65	-	67	3
16	50	3	53	-	55	-	56	3	59	1	62	-
15	46	1	48	-	49	2	51	2	53	2	56	-
14	41	2	43	-	45	-	46	3	48	2	50	2
13	37	1	38	3	40	1	41	3	43	3	45	1
12	33	-	34	2	35	2	37	-	38	2	40	-
11	28	3	30	-	31	-	32	2	33	3	35	1
10	25	-	25	3	27	-	28	-	29	-	30	1
9	20	3	21	2	22	2	23	2	24	3	25	2
8	17	-	18	-	18	2	19	1	20	-	21	-
7	13	3	14	1	15	-	15	2	16	1	16	3
6	10	3	11	2	12	-	12	1	12	3	13	1
5	8	2	8	3	9	-	9	2	9	3	10	1
4	6	-	6	2	6	2	6	3	7	-	7	1
3	3	2	3	2	3	3	4	-	4	1	4	2
2	2	-	2	-	2	-	2	-	2	1	2	1
1	-	3	-	3	-	3	1	-	1	-	1	-

The 154 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	42	41	40	39	38	37	36	35	34	33	32	31
42	154 -											
41	153 1	154 -										
40	152 -	153 1	154 -									
39	150 -	152 -	153 1	154 -								
38	148 -	150 1	151 3	153 -	154 -							
37	145 -	147 1	149 3	151 3	153 -	154 -						
36	143 -	145 -	147 2	149 2	151 3	153 -	154 -					
35	140 -	142 2	144 3	147 -	149 2	151 2	153 -	154 -				
34	136 2	139 1	142 -	144 2	146 3	149 1	151 2	153 -	154 -			
33	132 3	135 3	138 3	141 2	143 3	146 1	149 -	151 1	153 -	154 -		
32	128 1	132 1	135 -	138 -	141 -	143 2	146 1	149 -	151 1	153 -	154 -	
31	124 2	127 3	131 -	134 1	137 -	140 1	143 -	146 -	148 1	151 -	153 -	154 -
30	120 1	123 3	126 2	129 3	133 -	136 3	139 3	142 3	145 -	148 2	150 3	153 -
29	116 -	119 -	122 -	125 2	128 1	132 2	135 3	139 1	142 -	145 -	148 -	150 2
28	111 2	114 3	117 2	120 3	124 1	127 2	131 2	135 -	138 3	141 3	144 1	147 3
27	106 2	109 3	112 3	116 -	119 2	123 1	126 2	130 1	134 -	137 3	141 -	144 -
26	102 -	105 1	108 -	111 1	115 1	118 2	122 -	125 1	129 -	133 2	136 3	140 3
25	97 -	100 1	103 1	106 2	110 -	112 3	116 2	120 1	124 -	128 -	132 1	136 -
24	91 3	95 1	97 3	101 1	104 3	108 1	111 2	115 1	118 3	123 -	126 1	130 2
23	86 2	89 2	92 2	96 -	99 -	102 3	106 -	109 3	113 -	117 -	121 1	125 1
22	81 3	84 2	87 -	90 2	94 -	97 1	101 -	104 -	108 -	111 1	115 3	119 3
21	77 -	79 1	82 -	84 3	88 -	91 2	94 3	98 1	101 3	105 1	109 2	114 -
20	71 2	74 2	77 -	79 1	82 1	85 3	88 2	92 1	95 3	99 3	103 2	108 -
19	66 2	69 2	71 2	74 -	77 -	79 2	83 1	86 -	89 2	93 -	97 -	101 -
18	61 3	64 1	66 1	68 2	71 -	74 -	77 -	80 -	83 1	86 2	90 1	94 1
17	56 1	58 2	60 3	63 -	65 2	68 1	70 2	74 -	77 -	80 -	83 1	87 -
16	51 1	53 1	55 2	57 1	59 2	62 2	65 -	67 3	70 3	74 -	77 -	80 1
15	46 2	48 1	50 -	51 3	54 -	56 1	59 -	61 2	64 2	67 -	70 2	73 3
14	41 3	43 2	45 1	47 -	48 3	50 3	52 3	55 -	57 3	60 2	63 3	66 3
13	37 2	39 -	40 2	42 -	44 -	45 2	47 2	49 2	51 2	54 -	56 2	59 2
12	33 1	34 3	35 3	37 1	38 3	40 1	42 -	43 3	46 -	48 -	50 -	52 3
11	29 -	30 -	31 1	32 2	34 -	35 2	36 3	38 2	40 1	42 -	43 3	46 -
10	25 -	26 -	27 -	28 1	29 1	30 2	31 3	33 1	34 3	36 -	38 1	39 3
9	20 3	21 3	22 2	23 3	25 -	25 3	27 -	28 1	29 2	31 -	32 3	34 1
8	17 -	18 -	18 2	19 2	20 1	21 1	22 1	23 2	24 2	26 -	27 3	28 2
7	14 -	14 2	15 -	15 2	16 1	17 -	17 3	18 2	19 -	20 2	21 3	23 -
6	11 -	11 2	12 -	12 1	12 3	13 1	14 -	14 1	15 1	16 1	16 3	17 3
5	8 2	8 3	9 -	9 2	10 -	10 1	10 3	11 -	11 3	12 2	12 2	13 1
4	6 -	6 2	6 2	6 3	7 -	7 1	7 2	8 -	8 2	9 -	9 1	9 3
3	3 2	3 2	3 3	4 -	4 1	4 2	4 3	5 -	5 1	5 2	6 -	6 -
2	2 -	2 -	2 -	2 -	2 -	2 1	2 1	2 2	2 2	2 3	3 -	3 2
1	-	3	-	3	-	1	-	1	-	1	-	1 -

The 156 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	42	41	40	39	38	37	36	35	34	33	32	31
42	156	-										
41	155	1	156	-								
40	154	-	155	1	156	-						
39	152	-	154	-	155	1	156	-				
38	150	-	152	-	153	3	155	1	156	-		
37	147	-	149	1	151	3	153	3	155	-	156	-
36	145	-	147	-	149	2	151	2	153	2	155	-
35	141	3	144	1	145	3	149	-	151	2	153	2
34	138	-	141	1	143	3	146	1	148	3	151	1
33	134	3	137	2	140	2	143	1	145	3	148	1
32	130	-	134	-	136	3	140	-	143	-	145	1
31	126	-	129	1	132	3	135	3	139	-	142	-
30	122	-	125	1	128	1	131	2	135	-	138	2
29	117	2	120	2	123	3	126	3	130	-	134	1
28	113	-	116	-	119	-	122	2	126	-	129	1
27	107	3	111	1	114	1	117	2	121	-	125	-
26	103	1	106	2	109	3	113	-	116	3	120	1
25	98	2	101	3	104	3	108	-	111	1	114	1
24	93	-	96	2	99	-	102	2	106	-	110	-
23	87	2	91	-	93	3	97	-	100	-	103	3
22	82	3	85	3	88	-	91	3	95	1	98	2
21	78	-	80	2	83	-	85	3	89	-	92	2
20	72	2	75	1	78	-	80	2	83	1	87	-
19	67	1	70	1	72	1	75	-	78	-	80	2
18	62	2	65	-	67	-	69	2	71	3	75	-
17	57	-	59	1	61	2	64	-	66	1	69	1
16	51	3	54	-	56	1	58	-	60	1	63	2
15	47	-	48	3	50	3	52	2	54	2	57	-
14	42	2	44	-	46	-	47	2	49	2	51	1
13	38	-	39	2	41	-	42	2	44	2	46	-
12	33	3	35	1	36	1	37	3	39	1	40	3
11	29	1	30	2	31	3	33	-	34	2	35	3
10	25	2	26	1	27	2	28	2	29	2	31	-
9	21	-	22	-	23	-	24	-	25	1	26	-
8	17	1	18	1	18	3	19	2	20	2	21	2
7	14	-	14	3	15	1	15	3	16	2	17	1
6	11	-	11	2	12	-	12	2	13	-	13	2
5	8	2	9	-	9	1	9	2	10	-	10	2
4	6	-	6	2	6	2	6	3	7	-	7	2
3	3	2	3	2	3	3	4	-	4	1	4	2
2	2	-	2	-	2	-	2	1	2	1	2	1
1	-	3	-	3	-	3	-	3	-	3	-	3

The 157 Gallon Cask; whose Bung Diameter dips in Inches, viz.

	42	41	40	39	38	37	36	35	34	33	32	31
42	157	-										
41	156	1	157	-								
40	155	-	156	1	157	-						
39	153	-	155	-	156	1	157	-				
38	151	-	153	-	154	3	156	-	157	-		
37	148	-	150	1	152	3	154	3	156	-	157	-
36	145	3	148	-	150	2	152	2	154	3	156	-
35	142	2	145	1	147	3	150	-	152	2	154	2
34	139	-	142	1	144	3	147	1	149	3	152	1
33	135	2	138	1	141	2	144	1	146	2	149	-
32	131	-	135	-	137	3	140	3	144	-	146	1
31	127	-	130	-	133	3	136	2	139	3	143	-
30	122	3	126	1	129	-	132	1	135	3	139	1
29	118	1	121	2	124	2	127	3	130	3	135	1
28	113	3	116	3	119	3	123	1	126	2	130	1
27	108	2	112	-	115	-	118	1	122	-	125	3
26	103	3	107	1	110	1	113	3	117	2	121	-
25	99	-	102	1	105	1	108	2	112	-	115	-
24	93	2	97	-	99	3	103	-	106	3	110	1
23	88	-	91	2	94	2	97	3	101	-	104	2
22	83	1	86	1	88	3	92	1	95	3	99	-
21	78	2	81	-	83	2	86	1	89	2	93	-
20	73	-	75	3	78	2	81	-	83	3	87	2
19	67	3	70	3	72	3	75	2	78	2	81	-
18	63	-	65	2	67	2	70	-	72	1	75	2
17	57	1	59	2	62	-	64	1	66	3	69	2
16	52	1	54	1	56	2	58	1	60	3	63	3
15	47	2	49	1	51	-	53	-	55	-	57	1
14	42	3	44	2	46	1	48	-	49	3	51	2
13	38	1	39	3	41	1	42	3	44	3	46	2
12	34	-	35	2	36	2	38	-	39	2	41	-
11	29	2	30	3	32	-	33	1	34	3	36	-
10	25	2	26	2	27	2	28	3	29	3	31	-
9	21	1	22	-	23	-	24	1	25	2	26	1
8	17	2	18	1	19	-	19	3	20	2	21	2
7	14	1	14	3	15	1	16	-	16	2	17	1
6	11	1	11	3	12	-	12	2	13	-	13	2
5	8	2	9	-	9	1	9	3	10	-	10	2
4	6	-	6	3	6	2	7	-	7	2	7	3
3	3	2	3	3	3	3	4	-	4	1	4	2
2	2	-	2	-	2	-	2	1	2	1	2	2
1	-	3	-	3	-	3	1	-	1	-	1	-

The 158 Gallon Cask, whose Bung Diameter dips in Inches, &c.

	42	41	40	39	38	37	36	35	34	33	32	31
42	158	-										
41	157	1	158	-								
40	156	-	157	1	158	-						
39	154	-	156	-	157	1	158	-				
38	151	3	154	-	155	3	157	1	158	-		
37	149	1	151	-	153	2	155	3	157	-	158	-
36	146	2	149	-	151	2	153	2	155	3	157	-
35	143	2	146	-	148	2	151	-	153	2	155	2
34	140	-	143	1	145	3	148	1	150	2	153	-
33	136	1	139	1	142	2	145	1	147	2	150	-
32	131	3	135	3	138	2	141	3	144	3	147	1
31	127	3	131	-	134	2	137	2	140	3	144	-
30	123	2	127	-	129	3	133	-	136	2	140	-
29	119	-	122	1	125	1	128	2	131	3	136	-
28	114	2	117	2	120	2	124	-	127	1	131	-
27	109	1	112	3	115	2	118	3	122	3	126	2
26	104	2	108	-	111	-	114	1	118	1	121	3
25	99	3	103	-	106	-	109	-	112	3	116	-
24	94	-	97	3	100	2	103	3	107	2	111	-
23	88	3	92	-	95	-	98	2	101	2	105	-
22	83	3	86	3	89	1	93	-	96	1	99	3
21	79	-	81	2	84	-	86	3	90	1	93	3
20	73	2	76	1	79	-	81	2	84	1	88	-
19	68	1	71	1	73	1	76	-	79	-	81	2
18	63	1	66	-	68	-	70	2	72	3	76	-
17	57	3	60	-	62	1	64	3	67	1	70	-
16	52	2	54	2	57	-	58	2	61	1	64	1
15	47	3	49	2	51	1	53	1	55	1	57	3
14	43	-	44	3	46	2	48	1	50	-	52	-
13	38	2	40	-	41	2	43	1	45	-	46	3
12	34	-	35	3	36	2	38	4	39	3	41	2
11	29	2	31	-	32	-	33	2	34	3	36	1
10	25	3	26	2	27	3	29	-	30	-	31	1
9	21	1	22	1	23	1	24	2	25	2	26	2
8	17	3	18	2	19	-	20	-	20	3	21	3
7	14	1	14	3	15	1	16	-	16	3	17	2
6	11	1	11	3	12	1	12	2	13	-	13	2
5	8	3	9	-	9	1	9	3	10	-	10	2
4	6	1	6	3	6	2	7	-	7	1	7	2
3	3	2	3	3	4	-	4	1	4	2	5	-
2	2	-	2	-	2	-	2	-	2	1	2	2
1	-	3	-	3	-	3	-	3	-	3	-	3

The 159 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	142	141	140	139	138	137	136	135	134	133	132	131
42	159	-										
41	158	1 159	-									
40	157	-	1 158	1 159	-							
39	155	-	157	158	1 159	-						
38	152	3 155	-	156	3 158	1 159	-					
37	150	-	152	154	2 156	3 158	-	159	-			
36	147	2 150	-	152	2 154	2 156	3 158	-	159	-		
35	144	2 147	-	149	2 152	-	154	1 156	2 158	-	159	-
34	141	-	144	-	146	2 149	-	151	2 154	-	156	2 158
33	137	-	140	-	143	1 146	-	151	-	154	-	156
32	132	2 134	2 139	1 142	3 145	2 148	-	151	-	154	-	156
31	128	2 132	-	135	1 138	2 141	2 144	3 147	2 150	2 153	1 156	-
30	124	1 127	3 130	2 134	-	137	1 141	-	144	2 147	1 149	3 153
29	119	3 123	-	126	-	129	2 132	2 136	3 140	-	144	-
28	115	1 118	1 121	1 125	-	128	-	131	3 135	3 139	2 143	1 146
27	110	-	113	2 116	1 119	3 123	2 127	1 130	2 134	2 138	2 142	1 145
26	105	-	108	2 111	3 115	-	120	-	122	2 126	-	129
25	100	1 103	3 106	3 110	-	113	2 116	3 120	1 124	1 128	-	132
24	94	3 98	1 101	1 104	1 108	-	111	3 115	1 119	-	122	2 127
23	89	1 92	2 95	2 99	1 102	1 105	3 109	2 113	-	116	2 121	-
22	84	1 87	1 90	-	93	2 97	-	100	1 104	-	107	1 111
21	79	2 82	-	84	2 87	1 90	3 94	2 97	3 101	2 105	-	109
20	74	-	77	3 79	2 82	-	85	-	88	2 91	2 95	1 98
19	68	3 71	2 73	3 76	1 79	2 82	-	85	2 88	3 92	2 96	-
18	63	3 66	2 68	1 71	-	73	1 76	2 79	2 82	3 86	-	89
17	58	-	60	2 62	3 65	-	67	2 70	2 72	3 76	1 79	2 82
16	52	3 55	-	57	1 59	-	61	2 64	2 67	-	69	3 73
15	48	-	49	3 51	3 53	2 55	2 58	-	60	3 63	2 66	2 69
14	43	1 45	-	46	3 48	2 50	1 52	1 54	2 56	3 59	3 62	2 65
13	38	3 40	1 41	3 43	2 45	1 47	-	49	-	51	-	53
12	34	1 36	-	36	3 38	2 40	-	41	3 43	1 45	-	47
11	29	3 31	1 32	1 33	2 35	-	36	2 37	3 39	3 41	2 43	1 45
10	26	-	26	3 28	-	29	-	30	-	31	2 32	3 34
9	21	2 22	2 23	2 24	2 25	3 26	2 28	-	29	-	30	2 31
8	17	3 18	2 19	1 20	-	20	3 21	3 22	3 24	1 25	1 27	-
7	14	1 15	-	15	2 16	-	16	3 17	2 18	1 19	1 21	2 22
6	11	1 11	3 12	1 12	2 13	1 13	3 14	1 14	3 15	3 16	3 17	2 18
5	8	3 9	-	9	2 9	3 10	1 10	2 11	-	11	2 12	1 12
4	6	1 6	3 6	2 6	7	-	7	1 7	2 7	3 8	1 8	3 9
3	3	2 3	3 3	2 4	-	4	2 4	2 5	-	5	-	5
2	2	-	2	-	2	-	2	1 2	1 2	2 2	2 2	3 3
1	-	3	-	3	-	3	1	-	1	-	1	-

The 160 Gallon Cask, whose Bung Diameter dips in Inches, viz.

	42	41	40	39	38	37	36	35	34	33	32	31
42	160 -											
41	159 1	160 -										
40	158 -	159 1	160 -									
39	156 -	158 -	159 1	160 -								
38	153 3	156 -	157 3	159 1	160 -							
37	151 -	153 -	155 2	157 3	159 -	160 -						
36	148 1	150 3	153 1	155 1	157 3	159 -	160 -					
35	145 2	148 -	150 1	152 3	155 1	157 2	159 -	160 -				
34	142 -	145 -	147 2	150 -	152 2	155 -	157 2	159 -	160 -			
33	138 -	141 -	142 1	147 1	149 1	152 -	155 -	157 1	159 -	160 -		
32	133 1	135 2	140 1	143 2	146 2	149 -	152 -	155 2	157 1	159 -	160 -	
31	129 2	133 -	136 -	139 1	142 2	145 3	148 2	151 2	154 1	157 -	159 -	160 -
30	125 -	128 2	131 1	134 3	138 -	141 3	145 1	148 -	150 3	154 -	156 2	159 -
29	120 1	123 3	127 -	130 1	133 1	137 2	141 -	145 -	147 2	150 2	153 3	156 2
28	116 -	119 -	122 -	125 3	129 -	132 3	136 2	140 1	144 -	147 -	149 3	153 2
27	110 3	114 1	117 -	120 2	124 1	128 -	131 2	135 1	139 2	143 -	146 2	149 3
26	105 3	109 1	112 1	115 3	120 3	123 1	126 3	130 -	134 -	138 3	142 -	146 -
25	101 -	104 1	107 1	110 3	114 1	117 1	121 -	125 -	128 2	132 3	137 1	141 1
24	95 1	99 -	102 -	105 -	108 3	112 1	116 -	119 3	123 2	127 3	131 1	135 2
23	90 -	93 1	96 1	99 3	102 3	106 2	110 -	114 -	117 2	121 3	126 -	130 1
22	84 3	88 -	90 2	94 -	97 2	101 -	104 2	108 -	112 1	116 -	120 1	124 1
21	80 -	82 2	85 -	88 -	91 2	95 -	98 1	102 -	105 3	109 3	113 3	118 2
20	74 2	78 1	80 -	82 2	85 2	89 -	92 -	95 3	99 2	103 3	107 2	112 -
19	69 -	72 -	74 1	76 3	80 -	82 2	86 1	89 2	93 -	96 3	100 3	105 -
18	64 -	66 3	68 3	71 1	73 2	77 -	80 -	83 1	86 2	90 -	93 3	98 -
17	58 2	61 -	63 1	65 2	68 -	71 -	73 3	76 3	80 -	83 1	86 2	90 2
16	53 1	55 1	57 2	59 1	62 -	65 -	67 2	70 -	73 2	76 3	80 -	83 2
15	48 1	50 -	52 -	54 -	56 -	58 2	61 1	64 -	67 -	70 -	73 1	76 2
14	43 2	45 1	47 -	48 3	50 2	52 2	54 3	57 1	60 -	62 3	66 1	69 2
13	38 3	40 2	42 -	43 3	45 2	47 1	49 2	51 1	53 3	56 -	58 3	62 -
12	34 2	36 1	37 -	38 3	40 1	42 -	43 2	45 2	47 3	50 -	52 1	54 3
11	30 -	31 2	32 2	33 3	35 1	36 3	38 -	40 -	41 3	43 3	45 2	48 -
10	26 -	27 -	28 1	29 1	30 2	31 3	33 -	34 2	36 -	37 2	39 3	41 2
9	21 2	22 2	23 2	24 3	26 -	26 3	28 -	29 1	30 3	32 -	34 -	35 3
8	18 -	18 3	19 1	20 -	21 -	22 -	23 -	24 2	25 2	27 1	28 3	29 2
7	14 2	15 -	15 2	16 1	17 -	17 2	18 1	19 2	19 3	21 1	22 2	23 3
6	11 2	12 -	12 2	12 3	13 1	13 3	14 2	14 3	15 3	17 -	17 2	18 2
5	8 3	9 1	9 2	10 -	10 1	10 2	11 -	11 2	12 2	13 -	13 2	14 -
4	6 1	6 2	6 3	7 -	7 1	7 2	8 -	8 1	8 3	9 2	9 2	10 -
3	3 3	3 3	4 -	4 1	4 2	4 3	5 -	5 -	5 2	6 -	6 -	6 2
2	2 -	2 -	2 -	2 -	2 -	2 1	2 1	2 1	2 3	3 1	3 1	3 2
1	- 3	- 3	- 3	- 3	- 3	1 -	1 -	1 -	1 -	1 -	1 -	1 -

T H E E N D.